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LIST OF LIGHTS
AND FOG SIGNALS
Volume III

THE WEST COASTS OF EUROPE AND AFRICA
THE MEDITERRANEAN SEA, BLACK SEA
AND AZOVSKOYE MORE (SEA OF AZOV)

[redacted]

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UNITED STATES NAVY HYDROGRAPHIC OFFICE

The following is a numerical listing, by Light List numbers showing Notices to Mariners corrections not incorporated in replacement pages. These corrections, together with Changes 1 through 8 and Parts I, II, III and IV (First Edition), will correct this publication through N.M. 20 of 1959. It is not intended that these lettered sheets be inserted as pages in the Light List. They are issued only for convenience in correcting and maintaining the publication.

L.L. NO.	N.M. No.	L.L. No.	N.M. No.	L.L. No.	N.M. No.	L.L. No.	N.M. No.
20	29/58	8928	13/59	23738	42/58	25590	49/58
669	13/59	8941	13/59	23768	42/58	25650	32/58
790	48/58	9940	10/59	23830	16/58	25725	45/57
1010	19/59	9960	10/59	24084	1/59	25750	30/58
1100	6/59	11122	12/59	24100	52/58	25770	30/58
1110	6/59	11650	19/59	24160	4/58	25806	30/58
1442,1442.1	17/59	11760	11/59	24180	4/58	25810	30/58
1452	45/58	11840	3/59	24182	4/58	25815	32/58
1454	45/58	11970	12/59	24280	52/58	25920	6/59
1456	45/58	12700	12/59	24298	32/56	26035	37/57
1470	45/58	12710	12/59	24300	1/59	26060	43/58
1890	13/59	13161	8/59	24362	1/59	26071	32/58
1990	45/58	13162	8/59	24410	19/59	26110	43/57
2342	40/58	21628	3/58	24437	1/59	26191	48/56
2350	36/58	21730	40/58	24438	1/59	26192	37/57
2370	40/58	21750	18/55	24439	1/59	26335	28/58
2540	42/58	21780	18/55	24450	37/56	26340	9/59
2682	12/59	21782	11/59	24452	37/56	26372	32/58
2782	9/59	21799	11/59	24480	1/59	26377	32/58
2784	9/59	21841	11/59	24522	12/59	26378	32/58
2880	9/59	21888	11/56	24680	1/59	26379	32/58
3190	5/59	21891	11/59	24746	1/59	26400	9/58
3250	9/59	21892	11/59	24774	12/59	26415	27/58
3470	9/59	21893	11/59	24818	17/58	26630	29/58
3858,3858.1	9/59	21960	3/58	24820	17/58	26720	29/58
3860,3860.1	40/58	22020	38/55	24828	17/58	26918	7/59
4170	8/59	22062	11/59	24868	17/58	26930	47/58
4572,4572.1	44/58	22064	11/59	24870	17/58	26940	47/58
4650	12/59	22070	11/59	24880	17/58	26978	7/59
4690	9/59	22090	40/57	24890	17/58	27045	46/57
4760,4760.1	43/58	22310	38/57	24892	40/58	27050	1/58
4762,4762.1	1/59	22322	11/59	24894	17/58	27062	47/58
4770,4770.1	1/59	22410	19/59	24896	17/58	27160	7/59
5090	15/59	22412	11/59	24902	36/57	27180	29/58
5200	1/59	22500	19/56	24903	8/59	27230	47/58
5270	13/59	22798	46/56	24910	48/58	27270	43/58
5290	15/59	22805	40/58	24912	48/58	27330	29/58
5325,5325.1	11/59	22811	11/56	24920	33/57	27455	36/57
5350	5/59	22868	11/59	24980	8/58	27468	40/58
5360	16/59	22870	11/59	25028	40/58	27469	40/58
5451	12/59	22998	11/59	25240	5/58	27470	37/57
5470	13/59	23098	12/59	25292	40/58	27472	37/57
5564	13/59	23102	40/58	25297	7/59	27480	40/58
5660,5660.1	17/59	23112	40/58	25365	8/58	27598	2/58
6370	9/59	23188	45/58	25426	40/58	27600	11/58
6631	44/58	23268	40/58	25428	40/58	27750	36/57
6733	42/58	23310	42/58	25440	43/58	27820	22/56
6734	42/58	23320	42/58	25455	43/58	27990	4/57
8460	16/59	23330	42/58	25470	43/58	28024	10/58
8750	6/59	23395	40/58	25570	2/58	28042	1/58

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28110	29/58	30200,30200.1	14/59	31650	37/57	33085	48/58
28155	47/58	30210,30210.1	13/58	31670	37/57	33090	45/57
28160	29/58	30220,30220.1	26/57	31720	19/59	33119	45/57
28202	49/57	30240,30240.1	14/59	31760,31760.1		33150	39/56
28247	29/58	30360,30360.1	38/56	31760.2	44/57	33172	48/58
28330	8/58	30420	41/58	31772	36/58	33185	43/57
28530	28/58	30440	38/58	31780,31780.1	44/57	33191	33/57
28560	13/59	30510	48/56	31800	14/59	33192	33/57
28590	28/58	30670	5/59	31840	34/57	33255	7/59
28600	18/58	30680	25/58	31850	4/58	33360	1/58
28630	28/58	30760	25/58	31870	25/58	33365	39/56
28631	28/58	30810	12/57	31890	18/58	33380	4/57
28640	8/58	30820	46/58	31920	25/58	33430	28/58
28652	40/58	30830	13/58	31980	37/57	33436	39/56
28840	12/57	30840	33/57	32085	16/59	33540	24/57
28864	47/55	30856	10/57	32090	14/59	33566	6/59
28870	49/57	30870	17/58	32100,32100.1	41/57	33568	6/59
29040	44/57	30922	48/57	32122	41/57	33590	28/58
29060	8/58	30945,30945.1	17/58	32123	41/57	33710	49/58
29130	41/57	31022	48/57	32124	41/57	33800	52/58
29160	18/58	31060,31060.1	48/57	32131	41/57	33810	13/58
29380	27/56	31070	48/57	32330	13/59	33830	9/57
29428	45/55	31130	4/58	32412	5/59	33878	18/57
29610	7/57	31160,31160.1	4/58	32444	5/59	33879,33879.1	18/57
29612	37/56	31180	9/58	32525	43/57	33882	28/58
29613	7/57	31185	9/58	32526	43/57	33900	17/58
29620	47/55	31190	7/59	32527	35/57	33902	17/58
29680	5/59	31195	9/58	32532	28/58	33903	17/58
29681	5/59	31200	38/58	32535	9/58	34030	52/57
29730	2/58	31222,31222.1	6/59	32560	28/58	34060	5/59
29740	25/58	31240	46/57	32620	39/57	34062,34062.1	45/58
29750	2/58	31250	19/58	32630	35/55	34130	1/58
29782,29782.1	2/58	31290	46/57	32660	28/58	34172	48/58
29783	2/58	31300	46/57	32670	50/57	34173	48/58
29811	5/58	31310,31310.1	46/57	32692	28/58	34235	48/58
29812,29812.1	5/58	31320,31320.2		32693	28/58	34236	48/58
29942	21/57	31320.3	46/57	32720	28/58	34281	9/59
29944	27/58	31340	48/57	32735	43/57	34282,34282.1	3/58
29970	37/57	31350	48/57	32762	9/58	34283	9/59
29980	41/57	31360	46/57	32790	7/59	34290	7/58
30020	41/57	31362	48/57	32800	7/59	34320	28/57
30030,30030.1	2/58	31372,31372.1	46/57	32915	44/57	34332	15/59
30040,30040.1	41/57	31380	9/58	32965	44/57	34580	13/59
30110	38/58	31390	9/58	32970	28/58	34630	15/59
30120,30120.1	14/59	31420	46/57	32980	42/56	34640	15/59
30142	38/58	31490	40/58	32995	45/57	34660	11/59
30148	38/58	31590,31590.1	46/57	33010	42/56	34730	40/58
30150	40/58	31600	21/57	33020	45/57	34750	40/58
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30190	14/59	31630,31630.1	46/57	33069	46/57	34800	29/58

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35140	11/55
35170	42/57
35187	42/58
35200	42/57
35230	42/58
35240	42/58
35270	42/58
35290	32/58
35320	52/55
35330	52/55
35340	30/58
35350	19/59
35360	19/59
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35380	19/59
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38762	6/59
38770	14/58
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38812,38812.1	52/57
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38900,38900.1	40/57
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39200	28/57
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39242	50/56
39270	23/57
39280	35/57
39350	46/57
39460	15/59
39480	40/58
39550	35/58
39560	35/58
39570	35/58
39578	22/57
39579	31/57
39590	38/56
39593	32/58
39610	40/58
39691	34/58
39692	34/58
39752	44/57
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39830	10/58
39850	14/57
39880	14/57
39900	44/58
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40560	7/57
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NOTICE

CORRECTION AND MAINTENANCE OF LIST OF LIGHTS

The 1955 edition of List of Lights and Fog Signals is current as of 5 March 1955. Subsequently, it is kept correct by the insertion of replacement pages issued quarterly by the U.S. Navy Hydrographic Office in the form of consecutively numbered "Changes". These "Changes" consist of selected replacement pages to be inserted in accordance with the "List of Effective Pages" furnished with each "Change".

Beginning on or about 1 July 1958 "Parts," consisting of one-eighth the total publication, together with a cumulative "Summary of Corrections" will be issued quarterly by the U.S. Navy Hydrographic Office in lieu of "Changes". The Parts will be numbered consecutively, I through VIII, Part I replacing the first one-eighth of the publication and so on. The first 8-part cycle will completely replace all pages in 2 years; thence Second Editions of each Part will commence the second cycle.

Replacement pages completely supersede the obsolete pages they replace, together with all corrections published in the Notice to Mariners dated *earlier* than the effective date of the replacement page. Notice to Mariners dated later than the effective date of the "Part" should be re-entered on the replacement page. The "List of Effective Pages" is cumulative and supersedes any "List" previously issued. Recipients of this publication need refer only to the latest "List of Effective Pages" for guidance in the proper insertions of replacement pages.

To properly maintain this publication, "Corrections" and "Replacement Pages" must be applied as issued. The value of this publication is dependent on its being maintained in an up-to-date condition.

New editions of "Parts" will be announced in the Notice to Mariners when available for issue or sale. Following such announcements, "Parts" may be purchased from any authorized U.S. Navy Hydrographic Office Sales Agent, price $0.40 per copy.

RECORD OF NUMBERED CHANGE PAGES TO H.O. PUB. NO. 32

Part No. & Edition	Effective date	Inserted by:	Remarks

NOTICE

The present edition of this publication is a revision of the 1953 edition and is corrected to March 5, 1955, including Notice to Mariners No. 10, of 1955.

DIRECTIONS FOR CORRECTING

Corrective material affecting this publication will be published, as received, in a section, "CORRECTIONS TO H.O. PUB. NO. 32 LIST OF LIGHTS" of Part II of the weekly Notice to Mariners.

In order that there be no doubt concerning the date to which the book is corrected it is recommended that the navigator, or the assistant to whom this duty is delegated, use the following columns as a record.

NOTICE TO MARINERS

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LIST OF EFFECTIVE PAGES

H. O. PUB. NO. 32

LIST OF LIGHTS

This volume with Parts I through VIII (First Edition) inserted, consists of the pages listed below:

TITLE PAGE (Part I)
2 INDEX CHARLET (Part I)
3 NOTICE OF CORRECTION AND MAINTENANCE (Part I)
4 RECORD OF CHANGE PAGES (Part I)
5 RECORD OF CORRECTIONS PUBLISHED IN WEEKLY NOTICE TO MARINERS (Part I)
6 (blank)
7 LIST OF EFFECTIVE PAGES (Part VIII)
8 (blank)
9–12 INTRODUCTION (Part I)
13 VISIBILITY TABLE (Part I)
14 (blank)
15 CONVERSION TABLE (Part I)
16 INTERNATIONAL NUMBERS OF LIGHTS (Part I)

LIST OF LIGHTS

17 through 52 (Part I)
53 through 104 (Part II)
105 through 145 (reverse blank) (Part III)
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199 through 250 (Part V)
251 through 299 (reverse blank) (Part VI)
301 through 348 (Part VII)
349 through 373 (reverse blank) (Part VIII)
375 through 391 (INDEX) April 2, 1960

INTRODUCTION

This list contains descriptions of all lighted navigational aids (except harbor lighted buoys) and of fog signals on the west coasts of Europe and Africa and the coasts of the Mediterranean Sea, Black Sea, and Sea of Azov. Storm signals, signal stations, radio beacons, and radio direction finders, etc., located at or near lights are mentioned in this list.

Geographical positions (coordinates) are approximate and are merely intended to facilitate reference to the charts. Longitude is reckoned from the meridian of Greenwich.

The various styles of type used in the "Name and location" column of this list have the following significance:

1. **Bold-faced** type: Lights (except floating lights) intended for use in making the coast. These are, in general, lights of considerable luminous power.
2. *Italics:* Floating lights other than light vessels.
3. *ITALIC CAPITALS:* Light vessels.
4. Ordinary (roman) type: All other lights.

Abbreviations.—Where the lights of different countries intermingle in the list they are distinguished by the following letters:

(A.) Albania.
(Br.) British Empire.
(Bm.) Belgium.
(Bu.) Bulgaria.
(Eg.) Egypt.
(F.) France.
(Gr.) Greece.
(I.) Italy.
(L.) Liberia.
(P.) Portugal.
(R.) Russia.
(Ru.) Rumania.
(S.) Spain.
(T.) Turkey.
(Y.) Yugoslavia.

(**U**) after the name of a light indicates that it is unwatched and therefore must not be implicitly relied upon.

Alt.—Alternating
bl.—blast
Bu.—blue
Cp.—candlepower
ec.—eclipse
ev.—every
ext.—extinguished
F.—fixed
Fl.—flashing
fl.—flash
G.—green
Gp. group
horiz.—horizontal
I.—interrupted
Irreg.—irregular
lt.—light
min.—minute
obsc.—obscured
Occ.—occulting
Or.—orange
Qk.—quick
R.—red
rep.—reported
^{s}—second
si.—silent
Sig. Sta.—Signal Station
vert.—vertical
Vi.—violet
vis.—visible
W.—white

It will be noted that all lights are divided into two general classes; that is, those lights which do not change color, and those which do change color. Both classes have the same characteristic phases.

The durations of the light and darkness are computed. In practice they are subject to some degree of fluctuation, owing to slight variations in the working speed of the apparatus. The duration of a flash may also appear to be less than normal when seen from a great distance, or when haze is present.

Lights are characterized as *flashing* or *occulting* solely according to the relative durations of light and darkness, without reference to the type of illuminating apparatus employed or relative brilliancy. At close range *flashing* lights may show a faint, continuous light.

The period of a flashing or occulting light is the time occupied by an entire cycle of lights and eclipses; thus, in the case of a flashing light, it is the time from the beginning of one flash to the beginning of the next flash.

In the case of alternating lights, as with all others, the period of the light will be the elapsed time occupied in displaying the entire cycle of changes of which the mechanism is capable.

The power of a light when known is expressed in English candles. If of variable candlepower, the figure given for the light is the greatest shown at any time or in any direction.

The power of a light whose candlepower is not given can be estimated in some cases by noting how much its visibility in clear weather falls short of the range due to the height at which it is placed. Thus a light placed at 200 feet above the sea, and recorded as visible only 10 miles in clear weather, is manifestly of little brilliancy, as its height would permit it to be seen over 20 miles if of sufficient power.

The visibility figures given in these columns are taken from the official descriptions published by the Governments that maintain the lights and, occasionally, in the absence of such official information, from reports of observers. In all cases, however, the assigned visibility is limited to the geographic range for a height of eye of 15 feet, the maximum calculated distance at which the curvature of the earth permits a light to be seen when the height of eye is taken as 15 feet and the height of the light is taken as above mean high water.

Under certain atmospheric conditions, and especially with the more powerful lights, the glare or reflected rays of a light may be visible considerably beyond its geographic range.

Where the height of the eye of the observer is greater than 15 feet the "Visibility Table" should be consulted to obtain the geographic limit of the visibility of the light.

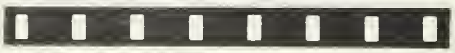
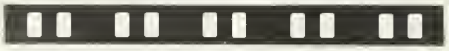
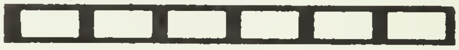
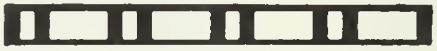
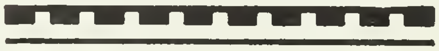
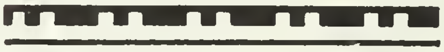
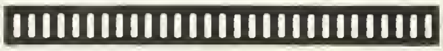
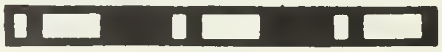
Caution.—The power of a light should always be considered when expecting to make it in thick weather. A weak light is easily obscured by haze, and dependence cannot always be placed on its being seen.

It should be remembered that lights placed at a great elevation are more frequently obscured by clouds, mists, and fogs than those near sea level.

In countries where ice conditions prevail in winter, the windows of unwatched lights may be covered with ice, which will greatly reduce the visibility of the light and may also cause colored lights to appear white.

The apparent characteristic of a complex light may change with the distance of the observer. For example, a light which actually displays in succession, a white flash, an interval of fixed white light, a red flash, and another interval of fixed white light, each phase having a different range of visibility, may when first picked up in clear weather, show as a simple flashing white light. As the vessel draws nearer the red flash

Characteristics.—In the table below are defined the different classes of lights.

Lights which do not change color	Characteristic phases	Lights which do change color
F.—Fixed.	A continuous steady light.	**Alt.**—Alternating.
Fl.—Flashing.	(*a*) Showing a single flash at regular intervals, the duration of light being always less than that of darkness. (*b*) A steady light with, at regular intervals, a total eclipse; the duration of light being always less than that of darkness. 	**Alt. Fl.**—Alternating flashing.
Gp. Fl.—Group flashing.	Showing at regular intervals, a group of two or more flashes. 	**Alt. Gp. Fl.**—Alternating group flashing.
Occ.—Occulting.	A steady light with, at regular intervals, a sudden and total eclipse; the duration of light being always greater than, or equal to, that of darkness. 	**Alt. Occ.**—Alternating occulting.
Gp. Occ.—Group occulting.	A steady light with, at regular intervals, a group of two or more sudden eclipses. 	**Alt. Gp. Occ.**—Alternating group occulting.
F. Fl.—Fixed and flashing.	A fixed light, varied, at regular intervals, by a single flash of relatively greater brilliancy. The flash may, or may not, be preceded and followed by an eclipse. 	**Alt. F. Fl.**—Alternating fixed and flashing.
F. Gp. Fl.—Fixed and group flashing.	A fixed light varied, at regular intervals, by a group of two or more flashes of relatively greater brilliancy. The group may, or may not, be preceded and followed by an eclipse. 	**Alt. F. Gp. Fl.**—Alternating fixed and group flashing.
Qk. Fl.—Quick flashing.	Shows not less than 60 flashes per minute. 	
I. Qk. Fl.—Interrupted quick flashing.	Shows quick flashes for about 4 seconds, followed by a dark period of about 4 seconds.	
S-L. Fl.—Short-long flashing.	Shows a short flash of about 0.4 second, and a long flash of 4 times that duration. such groups repeated about 8 times. a minute. 	

will greatly reduce the visibility of the light and may also cause colored lights to appear white.

The apparent characteristic of a complex light may change with the distance of the observer. For example, a light which actually displays in succession a white flash, an interval of fixed white light, a red flash, and another interval of fixed white light, each phase having a different range of visibility, may, when first picked up in clear weather, show as a simple flashing white light. As the vessel draws nearer the red flash will become visible, and the characteristic will be alternating flashing. Later the fixed white light will be seen between the flashes and the official characteristic of the light will be recognized—alternating fixed and flashing (**Alt. F. Fl.**).

Bearings.—All bearings are true and are given in degrees from 0° to 360°.

Limits of sectors and arcs of visibility are invariably arranged clockwise and from seaward *toward* the light. Thus, in the diagram below, the sectors of the light are defined as: Obscured from the land to 315°, red thence to 358°, green thence to 50°, white thence to land. These are the bearings of the light as observed from a vessel crossing the sector lines.

In some conditions of the atmosphere white lights may have a reddish hue; the mariner therefore should not trust solely to color where there are sectors, but should verify the position by taking a bearing of the light. On either side of the line of demarcation between white and red there is always a small sector of uncertain color, as the edges of a sector of visibility cannot be cut off sharply.

When a light is cut off by adjoining land, and the arc of visibility is given, the bearing on which the light disappears may vary with the distance of the vessel from which observed. When the light is cut off by a sloping point of land or hill, the light may be seen over a wider arc by a ship far off than by one close-to.

Aviation lights.—Aviation lights are characterized by great luminous power. Their effective range is greater than that of most navigational lights, and in some localities they may be the first landfalls picked up at night by vessels approaching the coast. Those situated near the coast are accordingly listed in the Light Lists in order that the navigator may be able to obtain more complete information concerning their characteristics, phases, power, height, visibility, description of structures, and hours of exhibition.

These lights are indicated in this list by the designation AVIATION LIGHT and are placed in geographic sequence in the body of the text along with lights for surface navigation.

It should be borne in mind that these lights are not designed or maintained for marine navigation and that they are subject to changes of which the surface navigator may not receive prompt notification.

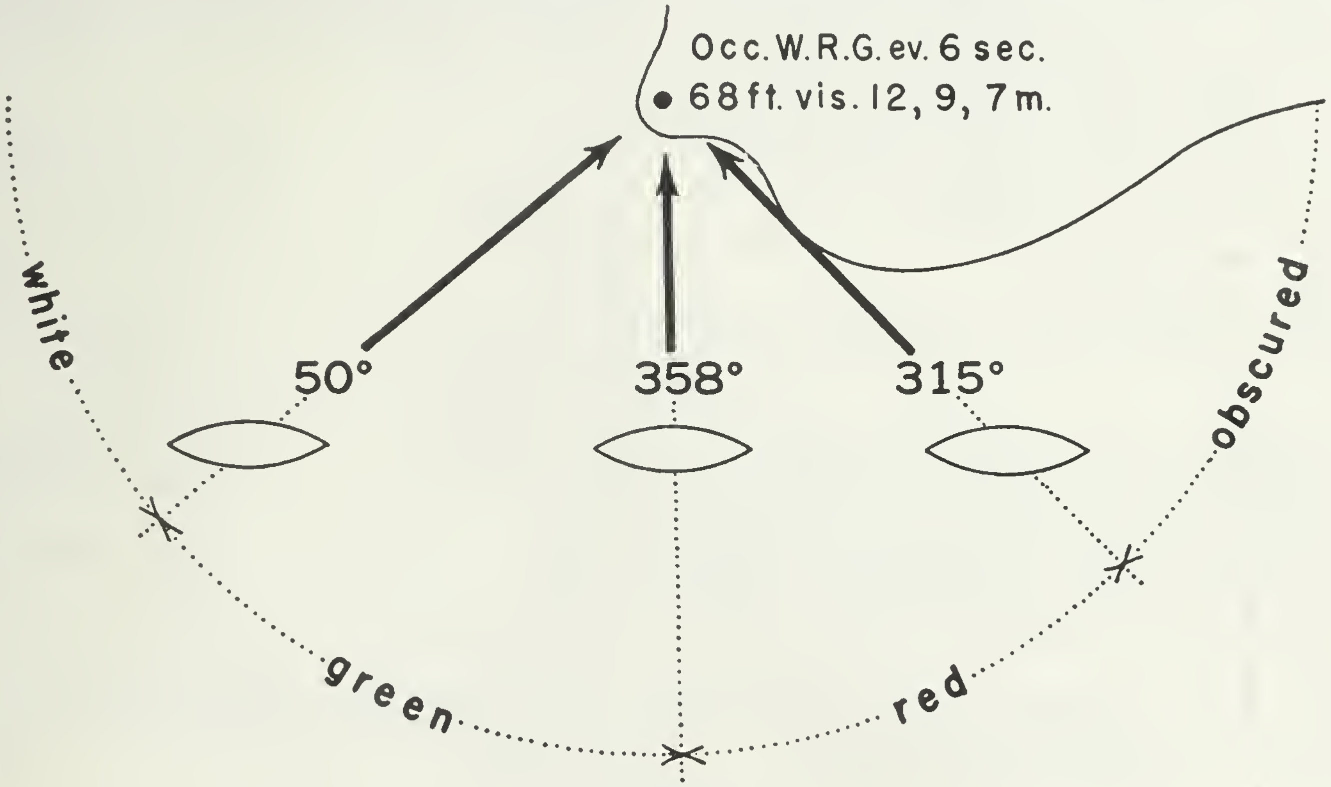
Note.—Wherever the term "stripes" appears in this book, the reference is to vertical stripes. Similarly, horizontal bands are referred to as "bands".

Fog signals.—It has been clearly shown:

1. That fog signals are heard at greatly varying distances.
2. That under certain conditions of atmosphere, when a fog signal is a combination of high and low tones, one of the tones may be inaudible.
3. That there are occasionally areas around a fog signal in which it is wholly inaudible.
4. That a fog may exist at a short distance from a station and not be observed from it, so that the signal may not be sounded.
5. That some fog signals cannot be started immediately, though the endeavor be made to sound them as quickly as possible after signs of fog have been observed.

Mariners are therefore warned that fog signals cannot be implicitly relied upon, and that soundings should never be neglected.

Submarine oscillators and bells are more reliable. Their effective range far exceeds that of air sound signals, and their bearing can be determined with sufficient accuracy for safe navigation in a fog by a vessel equipped with receivers.



bearing can be determined with sufficient accuracy for safe navigation in a fog by a vessel equipped with receivers. Even when receivers are not used, the submarine bell can be heard from below the water line for distances well outside the range of air fog signals though the bearing cannot then be so well determined.

Radiobeacons and radio direction-finders are mentioned in the List of Lights, but for detailed information, including the synchronization of radio signals and sound signals for distance finding, the navigator should consult H. O. Pub. No. 205, Radio Navigational Aids.

Caution.—When a vessel is steering a course for a radiobeacon aboard a lightship, particular care should be exercised to avoid the possibility of collision, and sole reliance should never be placed on sighting the lightship or hearing her air fog signal. A course should be selected that will insure passing the lightship at a safe distance, rather than close aboard.

It should be remembered that lightships are liable to be withdrawn for repairs, without notice, and in some cases are not replaced by relief lightships.

Russian lights and light vessels.—During winter light buoys are removed between Odessa and Berezan, in the Dnieper-Bug estuary, Karkinit Bay, and in Kerch-Yenikale Strait. Lights in the section from Odessa to Berezan, in the Dnieper-Bug estuary, and some of those in Kerch-Yenikale Strait normally function the year around. Lights extinguished are, however, lighted when a vessel is sighted, or on request. All lighted aids in the Sea of Azov are extinguished or withdrawn when navigation is closed by winter.

Russian light vessels display by day at the masthead a yellow flag with a blue St. Peter's cross under a black ball.

If a vessel is seen standing into danger, flags "JD" of the International Code are displayed; if this signal is not acted upon, rockets with two explosions and bright stars may be fired every minute; by night the rockets only are used.

Russian light vessels not on their proper station discontinue their characteristic light and fog signal and, if possible, lower their daymarks; two black balls by day or two red lights by night are displayed, one forward and the other aft. Two red flags are used by day if daymarks cannot be lowered. In addition, International Code flags "QE" are displayed by day, and at night red and white pyrotechnic lights are burned at intervals of 15 minutes, or, in lieu of the pyrotechnic lights, a red and a white light may be exhibited.

At night an additional light is displayed on the forestay to show how the vessel is heading.

Fog bells at Russian lighthouses and light vessels are sounded, unless otherwise stated in the following uniform manner:

(*a*) At lighthouses: In groups of double strokes, the interval between the groups being not more than three minutes.

(*b*) On board light vessels: In groups of triple strokes, the interval between the groups being not more than two minutes.

When the fog signal of an approaching vessel is heard, the intervals between the double or triple strokes in the groups are reduced, and the bell sounded continuously in double or triple strokes until the vessel is past the light or clear of danger.

Aids to navigation on the charts of the Hydrographic Office are shown by symbols and by abbreviations, or by such descriptive text as the scale of the chart may admit.

Symbols.—To render symbols distinct it is necessary to greatly exaggerate their size, as compared with the scale of the chart; therefore certain parts of the symbols indicate their exact geographic positions. When symbols present a horizontal line, the center of the base line is taken as the geographic position. A small circle at the middle point of the water line indicates the exact geographic positions of mooring buoys and lightships. All buoys other than mooring buoys are represented by diamond shapes and a small dot denoting the anchor ring; this dot indicates the exact geographic position of the symbol.

To avoid interference with other features upon the chart it is often necessary to show the buoy symbol at various bearings to the anchor dot, so that at times the symbol may be upside down. The buoy symbols have distinguishing marks to show whether the buoys have lights, bells, whistles, or such superposed marks as drums, cones, and balls. The symbol surmounted by a crescent (points downward) denotes a whistle buoy; surmounted by a half disk with dot above, it denotes a bell buoy.

The buoy sumbol is shown "open"—in outline—for buoys of any color other than black; black buoys are shown by "solid" shape. If the buoy system shown upon the chart consists of the black and one other color only, the explanation under the title will ascribe such color to the "open" symbol. Thus, upon one chart it may be found to denote "red buoy" while upon another chart it may be stated as "white" or "green"; the meaning of the "open" symbol varies, the meaning of the "solid" symbol is always the same—"black."

Upon charts containing buoys of various colors besides black the color will be found stated either by abbreviation or in full alongside each symbol or in the form of a note on the chart.

A line drawn between the upper and lower points of the symbol (longer axis) denotes "vertical stripes"; a line drawn between the side points (shorter axis) denotes "horizontal bands"; lines connecting the centers of opposite sides of the symbol denote "checkered" buoy.

Abbreviations commonly used in presenting on the charts the essential characteristics of lights, fog signals, and radio aids, are as follows:

F., fixed.
Fl., flashing.
Occ., occulting.
Alt., alternating.
Gp., group.
Qk., quick.
Bell, fog bell.
Dia., fog diaphone.
Gun, fog gun.
R. Bn., radiobeacon.
S.-L., short-long.
Int., interrupted.
R., red.
W., white.
G., green.
Bu., blue.

Horn, fog horn.
Nauto., fog nautophone.
Siren, fog siren.
(U.); unwatched.
Ev., every.
M., miles.
min., minutes.
sec., seconds.
Vis., visible.
Horn, fog trumpet.
Whis., fog whistle.
SUB-BELL, submarine bell.
SUB-OSC, submarine oscillator.
R. D. F. radio direction-finder.

See H. O. Chart No. 1 for complete list of symbols and abbreviations.

Note.—All navigators are requested to inform the Hydrographic Office of any errors or omissions they may discover in the Light Lists.

VISIBILITY TABLE

Table of distances at which objects can be seen at sea according to their respective elevations and the elevation of the eye of the observer

Height in feet	Distance in geographic or nautical miles	Height in feet	Distance in geographic or nautical miles	Height in feet	Distance in geographic or nautical miles	Height in feet	Distance in geographic or nautical miles	Height in feet	Distance in geographic or nautical miles	Height in feet	Distance in geographic or nautical miles
1	1. 1	23	5. 5	45	7. 7	135	13. 3	340	21. 1	600	28. 0
2	1. 6	24	5. 6	46	7. 8	140	13. 5	350	21. 4	620	28. 5
3	2. 0	25	5. 7	47	7. 8	145	13. 8	360	21. 7	640	28. 9
4	2. 3	26	5. 8	48	7. 9	150	14. 0	370	22. 0	660	29. 4
5	2. 6	27	5. 9	49	8. 0	160	14. 5	380	22. 3	680	29. 8
6	2. 8	28	6. 1	50	8. 1	170	14. 9	390	22. 6	700	30. 3
7	3. 0	29	6. 2	55	8. 5	180	15. 3	400	22. 9	720	30. 7
8	3. 2	30	6. 3	60	8. 9	190	15. 8	410	23. 2	740	31. 1
9	3. 4	31	6. 4	65	9. 2	200	16. 2	420	23. 4	760	31. 5
10	3. 6	32	6. 5	70	9. 6	210	16. 6	430	23. 7	780	31. 9
11	3. 8	33	6. 6	75	9. 9	220	17. 0	440	24. 0	800	32. 4
12	4. 0	34	6. 7	80	10. 2	230	17. 3	450	24. 2	820	32. 8
13	4. 1	35	6. 8	85	10. 5	240	17. 7	460	24. 5	840	33. 2
14	4. 3	36	6. 9	90	10. 9	250	18. 1	470	24. 8	860	33. 5
15	4. 4	37	7. 0	95	11. 2	260	18. 4	480	25. 1	880	33. 9
16	4. 6	38	7. 1	100	11. 4	270	18. 8	490	25. 3	900	34. 3
17	4. 7	39	7. 1	105	11. 7	280	19. 1	500	25. 6	920	34. 7
18	4. 9	40	7. 2	110	12. 0	290	19. 5	520	26. 1	940	35. 1
19	5. 0	41	7. 3	115	12. 3	300	19. 8	540	26. 6	960	35. 4
20	5. 1	42	7. 4	120	12. 5	310	20. 1	560	27. 1	980	35. 8
21	5. 2	43	7. 5	125	12. 8	320	20. 5	580	27. 6	1, 000	36. 2
22	5. 4	44	7. 6	130	13. 0	330	20. 8				

Explanation.—The line of sight connecting the observer and a distant object is at maximum length tangent with the spherical surface of the sea. It is from this point of tangency that the tabular distances are calculated. The table must accordingly be entered twice to obtain the actual geographic visibility of the object—first with the height of the object, and second with the height of the observer's eye—and the two figures so obtained must be added. Thus, if it be desired to find the maximum distance at which a powerful light may be seen from the bridge of a vessel where the height of the eye of the observer is 55 feet above the sea, from the table:

	Nautical miles
55 feet height of observer..........visible..	8. 5
200 feet height of light............visible..	16. 2
Distance visible....................	24. 7

CONVERSION TABLES

FEET TO METERS

Feet	0	1	2	3	4	5	6	7	8	9
0	0. 00	0. 30	0. 61	0. 91	1. 22	1. 52	1. 83	2. 13	2. 44	2. 74
10	3. 05	3. 35	3. 66	3. 96	4. 27	4. 57	4. 88	5. 18	5. 49	5. 79
20	6. 10	6. 40	6. 71	7. 01	7. 32	7. 62	7. 92	8. 23	8. 53	8. 84
30	9. 14	9. 45	9. 75	10. 06	10. 36	10. 67	10. 97	11. 28	11. 58	11. 89
40	12. 19	12. 50	12. 80	13. 11	13. 41	13. 72	14. 02	14. 33	14. 63	14. 93
50	15. 24	15. 54	15. 85	16. 15	16. 46	16. 76	17. 07	17. 37	17. 68	17. 98
60	18. 29	18. 59	18. 90	19. 20	19. 51	19. 81	20. 12	20. 42	20. 73	21. 03
70	21. 34	21. 64	21. 95	22. 25	22. 55	22. 86	23. 16	23. 47	23. 77	24. 08
80	24. 38	24. 69	24. 99	25. 30	25. 60	25. 91	26. 21	26. 52	26. 82	27. 13
90	27. 43	27. 74	28. 04	28. 35	28. 65	28. 96	29. 26	29. 57	29. 87	30. 17

FATHOMS TO METERS

Fathoms	0	1	2	3	4	5	6	7	8	9
0	0. 00	1. 83	3. 66	5. 49	7. 32	9. 14	10. 97	12. 80	14. 63	16. 46
10	18. 29	20. 12	21. 95	23. 77	25. 60	27. 43	29. 26	31. 09	32. 92	34. 75
20	36. 58	38. 40	40. 23	42. 06	43. 89	45. 72	47. 55	49. 38	51. 21	53. 03
30	54. 86	56. 69	58. 52	60. 35	62. 18	64. 01	65. 84	67. 67	69. 49	71. 32
40	73. 15	74. 98	76. 81	78. 64	80. 47	82. 30	84. 12	85. 95	87. 78	89. 61
50	91. 44	93. 27	95. 10	96. 93	98. 75	100. 58	102. 41	104. 24	106. 07	107. 90
60	109. 73	111. 56	113. 39	115. 21	117. 04	118. 87	120. 70	122. 53	124. 36	126. 19
70	128. 02	129. 85	131. 67	133. 50	135. 33	137. 16	138. 99	140. 82	142. 65	144. 47
80	146. 30	148. 13	149. 96	151. 79	153. 62	155. 45	157. 28	159. 11	160. 93	162. 76
90	164. 59	166. 42	168. 25	170. 08	171. 91	173. 74	175. 56	177. 39	179. 22	181. 05

METERS TO FEET

Meters	0	1	2	3	4	5	6	7	8	9
0	0. 00	3. 28	6. 56	9. 84	13. 12	16. 40	19. 68	22. 97	26. 25	29. 53
10	32. 81	36. 09	39. 37	42. 65	45. 93	49. 21	52. 49	55. 77	59. 06	62. 34
20	65. 62	68. 90	72. 18	75. 46	78. 74	82. 02	85. 30	88. 58	91. 86	95. 14
30	98. 42	101. 71	104. 99	108. 27	111. 55	114. 83	118. 11	121. 39	124. 67	127. 95
40	131. 23	134. 51	137. 80	141. 08	144. 36	147. 64	150. 92	154. 20	157. 48	160. 76
50	164. 04	167. 32	170. 60	173. 88	177. 16	180. 45	183. 73	187. 01	190. 29	193. 57
60	196. 85	200. 13	203. 41	206. 69	209. 97	213. 25	216. 54	219. 82	223. 10	226. 38
70	229. 66	232. 94	236. 22	239. 50	242. 78	246. 06	249. 34	252. 62	255. 90	259. 19
80	262. 47	265. 75	269. 03	272. 31	275. 59	278. 87	282. 15	285. 43	288. 71	291. 99
90	295. 28	298. 56	301. 84	305. 12	308. 40	311. 68	314. 96	318. 24	321. 52	324. 80

METERS TO FATHOMS

Meters	0	1	2	3	4	5	6	7	8	9
0	0. 00	0. 55	1. 09	1. 64	2. 19	2. 73	3. 28	3. 83	4. 37	4. 92
10	5. 47	6. 01	6. 56	7. 11	7. 66	8. 20	8. 75	9. 30	9. 84	10. 39
20	10. 94	11. 48	12. 03	12. 58	13. 12	13. 67	14. 22	14. 76	15. 31	15. 86
30	16. 40	16. 95	17. 50	18. 04	18. 59	19. 14	19. 68	20. 23	20. 78	21. 33
40	21. 87	22. 42	22. 97	23. 51	24. 06	24. 61	25. 15	25. 70	26. 25	26. 79
50	27. 34	27. 89	28. 43	28. 98	29. 53	30. 07	30. 62	31. 17	31. 71	32. 26
60	32. 81	33. 36	33. 90	34. 45	35. 00	35. 54	36. 09	36. 64	37. 18	37. 73
70	38. 28	38. 82	39. 37	39. 92	40. 46	41. 01	41. 56	42. 10	42. 65	43. 20
80	43. 74	44. 29	44. 84	45. 38	45. 93	46. 48	47. 03	47. 57	48. 12	48. 67
90	49. 21	49. 76	50. 31	50. 85	51. 40	51. 95	52. 49	53. 04	53. 59	54. 13

INTERNATIONAL NUMBERS OF LIGHTS

In accordance with the Resolution adopted at the Fifth International Hydrographic Conference in 1949 by Member Nations of the International Hydrographic Bureau, *international numbers* of lights are included in this volume. They are shown in *italics* directly below the numbers assigned by the Hydrographic Office.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ILE D'OUESSANT USHANT:	N. W.					
10 *D0744*	— **Creach,** near NW. extremity of island.	48 28 5 08	**Gp. Fl. W. (2)** period 10^{s} fl. 0.2^{s}, cc. 2.3^{s} " 0.2^{s}, " 7.3^{s} Cp. 5,000,000	226	21	White cylindrical tower, black bands; 164.	**Diaphone:** 2 blasts ev. 2 min. **Radiobeacon.**
20 *D 0742*	— **LeStiff,** NE. extremity of island.	48 28 5 03	**Gp. Fl. R. (2)** period 10^{s} fl. 0.4^{s}, ec. 2.1^{s} " 0.4^{s}, " 7.1^{s} Cp. 60,000	272	20	Two cylindrical white towers joined; 85.	
30 *D 0746*	— Roche Nividic U.	48 27 5 09	**Gp. Fl. W. (3)** period 15^{s} fl. 0.3^{s}, ec. 2.3^{s} " 0.3^{s}, " 5.9^{s} " 0.3^{s}, " 5.9^{s} Cp. 200,000	88	15	Black octagonal stone tower; 108.	
40 *D 0748*	— **La Jument,** on rock SW. of island.	48 25 5 08	**Gp. Fl. R. (3)** period 15^{s} fl. 0.5^{s}, cc. 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 8.5^{s} Cp. 32,000	118	16	Octagonal granite tower; 140.	Obscured 199°–241°. **Siren:** 3 blasts every 75^{s}.
50	*Chaussée des Pierres Vertes Lighted Whistle Buoy,* SW. part of Chaussée des Pierres Vertes.	48 22 5 05	**Gp. Fl. W. (4)** period 15^{s} fl. 1^{s}, cc. 1.5^{s} " 1^{s}, " 1.5^{s} " 1^{s}, " 1.5^{s} " 1^{s}, " 6.5^{s} Cp. 500	28	10	Cylindrical buoy, upper part black, lower part white, daymark of two cones, points together.	**Whistle.**
60 *D 0750*	**Men-Tensel** (Keréon), SE. side of Passage du Fromveur.	48 26 5 02	**Gp. Occ. (3)— W. R.** period 24^{s} lt. 9^{s}, cc. 1^{s} " 3^{s}, " 1^{s} " 9^{s}, " 1^{s} Cp. W. 30,000, R. 6,000	122	W. 17 R. 15	Gray cylindrical tower; 134.	R. 248°–19°, W. elsewhere. **Siren:** 3 blasts every 120^{s}.
64 *D 0752*	Men Koru (Men Caro)	49. 28 5 01	**F.—R. G** Cp. R. 300, G. 180	68	R. 9 G. 8	White tower, red top; 89	G. 40°–130, R.–40°.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
70 *D 0770*	Les Trois Pierres, NE. of Ile de Molene. **U.**	48 25 4 57	**Occ.—W. R. G** period 4^s Cp. W. 500, R. 100, G. 60.	50	W. 10 R. 6 G. 5	White cylindrical turret; 49.	W. 147°–185°, R.–191°, G.–197°, W.–213°, R.–70°, G.–147°.
80 *D 0771*	Île de Molene Range, about 500 yards 51° from semaphore on head of mole, front.	48 24 4 57	**F. G.** Cp. 12	20	3	Gray pylon; 19	Common front light. Range lights.
80. 1 *D0771.1*	— Rear, about 535 yards 191° from front.		**F. G.**	49	3	Pole; 17	
80. 2 *D0770.9*	— Rear, about 350 yards 261° from front.		**F. R.**	79	4	Pole; 27	
	CHENAL DU FOUR:						
90 *D 0754*	— LeFour, N. entrance to channel.	48 31 4 48	**Gp. Fl. W. (5)** period 15^s fl. 0.4^s, ec. 1.7^s " 0.4^s, " 1.7^s " 0.4^s, " 1.7^s " 0.4^s, " 1.7^s " 0.4^s, " 6.2^s Cp. 50,000	92	15	Cylindrical granite tower; 82.	**Siren**; 5 blasts every 75^s. Obscured by Pointe de Corsen when bearing less than 356°.
100 *D 0756*	— L'Aberildut, N. side of river entrance.	48 28 4 46	**F.—W. R.** Cp. W. 8,500, R. 1,700	40	11	Small rectangular masonry building; 13.	W. 81°–85°, R.–87°, obscured elsewhere.
110 *D 0762*	— Le Faix **U.**	48 26 4 54	**Occ. W.** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 1,500	56	12	Black tower, white band; 67.	
120 *D 0760*	— Les Platresses, on Roche du NE. **U.**	48 26 4 51	**F.—R. G.** Cp. R. 100, G. 60	56	5	Tower, black and white spiral bands, daymark of double-bar cross; 72.	R. 343°–153°, G.–333°, obscured elsewhere.
130	— *La Valbelle Lighted Whistle Buoy.*	48 26 4 50	**Occ. R.** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 100	26	6	Red buoy, cylindrical topmark.	**Whistle.**
140	— *Basse St. Paul Lighted Buoy*, W. of Pointe de Corsen.	48 25 4 49	**Gp. Occ. R. (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 100	22	6	Red buoy, topmark of two cylinders.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			FRANCE—WEST COAST				
	CHENAL DU FOUR:	N. W.					
150	— *Chaussee des Pourceau Lighted Buoy,* NE. side of shoal.	48 24 4 51	Fl. W period 1.5^{s} Cp. 500	16	10	Black buoy, white band, topmark of two cones, points up.	
160 *D 0764*	— **Trezien**	48 25 4 47	**F. W** Cp. 50,000	276	20	White cylindrical tower, frame of dwelling; 114.	Intensified 346°–16°.
170 *D 0766*	— **Corsen**	48 25 4 48	**F.—W. R. G** Cp. W. 3,000, R. 600, G. 400	104	W. 13 R. 11 G. 9	White iron hut; 5	R. 8°–12°, W.–15°, G.–21°, obscured elsewhere.
180 *D 0774*	— **Kermorvan,** N. side side of entrance to Le Conquet.	48 22 4 47	**Fl. W** period 5^{s} fl. 0.6^{s}, ec. 4.4 Cp. 300,000	66	13	White square tower; 59	In range 158°30′ with St. Mathieu Point and 7° with Trezien. Obscured when bearing less than 341°. **Horn:** 1 blast every 60^{s}.
190 *D 0780*	— Lochrist **U.**	48 21 4 46	**Gp. Occ. W (3)** period 12^{s} lt. 4^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 4^{s}, " 1^{s} Cp. 400,000	161	18	Octagonal concrete tower, gallery with a black and a white band, on NW. side; 49.	Visible 136°–139°.
200 *D 0772*	— La Grande Vinotiére summit of rock. **U.**	48 22 4 48	**Occ. W** period 6^{s} lt. 5^{s}, ec. 1^{s} Cp. 500	49	9	Red octagonal turret; 75.	
210	— *Rouget Lighted Whistle Buoy,* 0.3 mile W. of La Grande Vinotiére.	48 22 4 49	**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 60	22	5	Black buoy, conical topmark.	**Whistle.**
220	*Tournant de Lochrist Lighted Buoy.*	48 21 4 48	**F. R** Cp. 100	22	6	Red conical buoy	
230 *D 0776*	— **St. Mathieu,** on point.	48 20 4 46	**Fl., F.—W** period 15^{s} fl. 0.2^{s}, ec. 14.8 Cp. Fl. 3,500,000. F. 2,000,000	185	19	White cylindrical tower black band; 112.	F. W. intensified 157°–159°, covers the alignment with Kermorvan Point Light bearing 158° **Radiobeacon.**
240 *D 0778*	— — Auxiliary Light, about 59 yards 291° from main light.		**F.—W. R. G** Cp. W. 5,000, R. 1,000, G. 600	85	W. 14 R. 11 G. 10	White turret; 19	G. 95°–107°, W.–115°, obsc.–116°, R.–134°, obsc elsewhere.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CHENAL DU FOUR:	N. W.					
250 *D0784*	— Vieux Moines on SW. head off St. Mathieu Point. **U.**	48 19 4 47	**F. R.** Cp. 100	53	6	Red octagonal turret; 63.	Visible 280°–133°. A radio mast, 329 ft. high, located 2.1 miles 60°, exhibits a F. R. light.
	BREST APPROACH:						
260 *D 0786*	— **Les Pierres Noires,** on largest rock, SE. of island.	48 19 4 55	**Fl. R.** period 5s fl. 0.5s, ec. 4.5s Cp. 24,000	90	15	Black granite tower, lower part white; 82.	Danger signals. **Siren**: 2 blasts every 60s. Radar reflector.
270	— *Basse Royale Lighted Buoy.*	48 18 4 49	**Gp. Fl. R (4)** period 15s fl. 1.0s, ec. 1.5s “ 1.0s, “ 1.5s “ 1.0s, “ 1.5s “ 1.0s, “ 6.5s Cp. 140	23	7	Red buoy, topmark, of cross with 2 bars.	
280	— *La Vandrée Rock Lighted Whistle Buoy.*	48 15 4 48	**Gp. Fl. W (2)** period 9s fl. 1.5s, ec. 1.5s “ 1.5s, “ 4.5s Cp. 700	27	10	Black buoy, lower part white, topmark of 2 cones point-to-point.	**Whistle.**
290	— *Basse du Lys Whistle Buoy.*	48 13 4 45	**Gp. Fl. R (2)** period 9s fl. 1.5s, ec. 1.5s “ 1.5s, “ 4.5s Cp. 100	27	6	Red buoy, white band and topmark of 2 red cones, points down.	**Whistle.**
300	— *Basse du Charles Martel Lighted Whistle Buoy.*	48 19 4 42	**Occ. R.** period 6s lt. 4.5s, ec. 1.5s Cp. 100	21	6	Red buoy	**Whistle.**
310 *D 0820*	— La Parquette, on rock S. side of entrance to Goulet de Brest. **U.**	48 16 4 44	**F.—R. G.** Cp. R. 140, G. 80	61	R.7 G.6	Octagonal tower, black and white spiral bands double-barred cross topmark; 77.	R. 244°–285°, G.–244°.
320 *D 0818*	— Pointe du Toulinguet, S. side of Brest Approach.	48 17 4 38	**Gp. Occ. (3)—W. R.** period 12s lt. 4.5s, ec. 1.5s “ 1.5s, “ 1.5s “ 1.5s, “ 1.5s Cp. W. 5,000, R. 1,000	161	W.14 R. 11	White square tower, frame of dwelling; 39.	R. 28°–90°, W. elsewhere, except where obscured S. of 247° by Pointe du Grand Gouin, and E. of 355° by Pointe de Pen-Hir.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BREST APPROACH:	N. W.					
330 *D 0816*	— Camaret Sur Mer head of Mole du Sillon in small bay behind Pointe du Grand Gouin.	48 17 4 36	**Occ. G** period 4^{s} lt 2^{s}, ec. 2^{s} Cp. 250	35	10	White truncated conical tower; 30.	Visible 140°–330°. Obscured E. of 187° and S. of 120°.
340 *D 0817*	— — Head of S. mole	48 17 4 35	**Gp. Occ. (4)—W. R.** period 12^{s} lt. 5^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s} Cp. W. 750 R. 150	22	9	Red pylon; 19	W. 170°–227°. R.–170°.
350 *D 0790*	— Le Petit Minou, N. side of entrance to to Goulet de Brest.	48 20 4 37	**F.—W. R.** Cp. W. 30,000, R. 6,000	105	16	White cylindrical tower; 79.	W. 15°–233°, R.–252°, W.–260°, R.–307°, W.–15° Siren: 1 blast every 60^{s}; synchronized with Tourelle Mengam.
360 *D 0794*	—, Pointe de Portzic, N. side of Goulet de Brest.	48 21 4 32	**Gp. Occ. (2)—W. R.** period 12^{s} lt. 6.5^{s}, ec. 1:5^{s} " 2.5^{s}, " 1.5^{s} Cp. W. 60,000, R. 12,000.	184	W. 19 R. 16	Gray octagonal tower; 108.	R. shore–259°, W.–338°, R.–0°, W.–69°. Siren: 2 blasts every 60 seconds. A directional beam, visible 1° either side of bearing 67°, is synchronized with main light.
370	— *Les Filettes Lighted Whistle Buoy*, middle of outer entrance to Goulet de Brest.	48 20 4 36	**Occ. W** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 500	21	9	Buoy, red and white bands, top mark of two red balls.	**Whistle.** **Radar reflector.**
380 *D 0792*	— Roche Mengam in Goulet de Brest. **U.**	48 20 4 35	**Gp. Fl. (3),—W., R.** period 12^{s} fl. 1^{s}, ec. 1.5^{s} " 1^{s}, "1.5^{s} " 1^{s}, " 6.0^{s} Cp. W. 500, R. 100	36	W. 9 R. 6	Red tower, black bands; 49.	R. 34°–54°, W.–34°.
	BREST:						
390 *D 0796*	— S. breakwater, E. end. U.	48 22 4 29	**F. R** Cp. 100	33	6	White metal tower, red bands; 27.	Visible 94°–48°.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BREST:	N. W.					
400 *D 0798*	— E. breakwater, head	48 22 4 29	**F. G** Cp. 60	33	5	White metal tower, black band ; 27.	Visible 299°–163°.
	— Rade-Abri:						
410 *D 0814*	— — Terre Plein du Chateau, at foot of battlements.	48 23 4 29	**Gp. Occ. (4)—W. R. G.** period 12^s lt. 3^s, ec. 1^s " 3^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s	67	13	White tripod; 66	G. 306°–344°, W.–351°, R.–19°, obscured elsewhere.
	— Commercial Port:						
430 *D 0806*	— — Head of S. jetty U.		**Gp. Occ. W. (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 700	33	10	White tower, black band; 31.	Visible 42°–257°, obscured elsewhere.
440 *D 0804*	— — Head of W. jetty	48 23 4 29	**F. R** Cp. 300	33	9	White pylon , red band; 31.	
450 *D 0802*	— — Head of E. jetty U.	48 23 4 28	**Gp. Occ. G.(2)** period 6^s lt. 3^s, ec. 1^s "1^s, " 1^s	27	9	Gray pylon, black band; 27 ·	
460 *D 0806*	— Pointe de St. Barbe, Albert Louppe Bridge, N. side.	48 23 4 24	**F. R**				
470	— — Albert Louppe Bridge, S. side.		**F. G**				F. W. lights, mark the center and south arches of Albert Louppe Bridge.
	BAIE DE DOUARNENEZ:						
480	— *Basse Vieille Lighted Whistle Buoy,* in entrance to bay.	48 08 4 36	**Fl. W** period 6^s fl. 1.5^s ec. 4.5^s Cp. 700	26	10	Cylindrical buoy, black and red bands, spherical topmark.	**Whistle.**
490 *D0824*	— Rocher Le Bouc U.	48 11 4 37	**Occ.—W. R** period 6^s lt. 4.5^s, ec. 1.5^s Cp. W. 700, R. 140	55	W. 10 R. 7	Black masonry tower, red bands.	W. 348°–164°, R.–322°, W.–338°, R.–348°.
500 *D 0826*	— Pointe de Morgat, N. side of bay.	48 13 4 30	**Gp. Occ. (4)—W. R. G.** period 12^s lt. 5^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s Cp. W. 6,000, R. 1,200, G. 750	254	W. 15 R. 12 G. 11	White rectangular tower, dwelling; 38.	W. north shore–281°, G.–301°, W.–21°, R.–43°, obscured on bearings greater than 27°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			FRANCE—WEST COAST				
	BAIE DE DOUARNENEZ:	N. W.					
510	— Head of mole at Morgat.	48 14 4 30	**F. R**				Fishing light.
	— Douarnenez:						
520 *D 0830*	— — Île Tristan **U.**	48 06 4 20	**Gp. Occ. (3)—W. R.** period 12• lt. 4.5•, ec. 1.5• " 1.5•, " 1.5• " 1.5•, " 1.5• Cp. W.4,500, R. 900	115	W. 14 R. 11	Granite tower, upper part red; 31.	R. 138°–152°, W.–283°, R.–313°, W.–138°.
530 *D 0832*	— — Head of Rosmeur Mole	48 06 4 19	**Occ.—W. G** period 4• lt. 2•, ec. 2• Cp. W., 1,200, G. 150	52	W. 9 G. 7	White support on white hut, 20.	W. 190°–97°, G. 97°–190°.
540 *D 0834*	— — Treboul, head of Mole on Pointe Biron. **U.**		**F. G** Cp. 150	18	8	White column; 18	
550 *D 0836*	— Pointe du Millier, S. side of bay.	48 06 4 28	**Gp. Occ. (2)—W. R. G.** period 10• lt. 6•, ec. 1• " 2•, " 1• Cp. W. 6,000, R. 1,200, G. 750	112	W. 15 R. 11 G. 10	White dwelling; 20	W. 87°–113°, R.–120°, W.–129°, G.–148°, W.–253°.
	CHAUSSEE DE SEIN:						
560	— *Lighted Whistle Buoy*, off W. extremity.	48 03 5 07	**Gp. Occ. W. (2)** period 9• lt. 4.5•, ec. 1.5• " 1.5•, " 1.5• Cp. 500	28	10	Cylindrical buoy, upper part black, lower white, topmark of 2 cones, points together.	**Whistle.** Radar reflector.
570 *D 0852*	— **Ar-Men**	48 03 5 00	**Gp. Fl. W. (3)** period 20• fl. 0.4•, ec. 3.6• " 0.4•, " 3.6• " 0.4•, " 11.6• Cp. 200,000	94	15	Cylindrical masonry tower, upper part white; 110.	**Siren:** 3 blasts every 60•. Danger signals.
580 *D 0856*	— **Île de Sein,** N. point of Island.	48 03 4 52	**Gp. Fl. W. (4)** period 25• fl. 0.2•, ec. 2.8• " 0.2•, " 2.8• " 0.2•, " 2.8• " 0.2•, " 15.8• Cp. 600,000	160	18	Black tower, white top; 154.	**Radiobeacon.**

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CHAUSSEE DE SEIN:	N. W. ° ′					
590 *D0860*	— Men Brial U.	48 02 4 51	**Gp. Occ. (2)—W. R. G.** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. W. 2,000, R. 400, G. 250	52	W. 12 R. 12 G. 10	White turret; 40	G. 149°–186°, W.–192°, R.–221°, W.–227°, G.–254°.
600	— *Cornoc-an-ar-Braden (Cornocan-ar-Braden.) Lighted Whistle Buoy.*	48 03 4 51	**Occ. G** period 4^s lt. 2^s, ec. 2^s Cp. 60	21	5	Black conical buoy, conical topmark.	**Whistle.**
610 *D 0858*	— Ar Gueveur Tower, South of Island.	48 02 4 51		59		Tower, lower part white, upper part black; 59.	**Diaphone:** one blast every 60^s.
620 *D 0862*	— Le Chat	48 01 4 49	**Gp. Fl. (2)—W. R. G.** period 9^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 4.5^s Cp. W. 500, R. 100, G. 60	80	W. 10 R. 6 G. 5	Red tower, white band and daymark of 2 cones, points down; 83.	G. 96°–215°, W.–230°, R.–271°, G.–286°, R.–96°. Radar reflector
	RAZ DE SEIN:						
630 *D 0870*	— **La Vieille**, W. of Pointe du Raz.	48 02 4 45	**Gp. Occ. (3)—W. R. G.** period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s	108	W. 16 R. 15 G. 12	Square masonry tower; 78.	W. 290°–298°, R.–325°, W.–355°, G.–17°, W.–35°, G.–105°, W.–123°, R.–158°, W.–205°, obsc.–290°.
640 *D 0866*	— **Tévennec** U.	48 04 4 48	**F.—W. R.** Cp. W. 1,000, R. 200	92	W. 11 R. 8	White square tower, dwelling; 43.	R. 345°–90°, W.–345°.
D 0868			**Occ. W.** period 4^s lt. 2^s, ec. 2^s Cp. 5,000	79	14	Same tower	Intensified 324°–332°.
650 *D 0872*	— La Plate U.	48 02 4 45	**Gp. Occ. W. (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 500	70	10	Tower, upper part black lower part white, daymark of 2 cones, points together; 85.	
	AUDIERNE:						
660 *D 0876*	— Trescadec, near beach, front.	48 01 4 33	**Occ. G** period 4^s lt. 2^s, ec. 2^s Cp. 1,200	64	13	White cylindrical tower, dark red top; 31.	Intensified 7° each side of axis. Range lights.
660. 1 *D 0878*	— — Rear, Kergadec, 405 yards 6° from front.		**F. R.** Cp. 400	145	12	White octagonal tower, 49.	Partly obscured N. of 38°, fully obscured N. of 55°.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	AUDIERNE:	N. W					
669 *D0874*	— Jetee de Ste. Evette Light.	48 00 4 33	**Gp. Occ. R.** (2) period 6^s lt. 3^s, ec. 1^s " 1^s " 1^s Cp. 150	28	7	Cylindrical post, concrete base; 2.	Visible 90°–335°.
670 *D 0880*	— Head of Raoulic Jetty.	48 01 4 33	**Gp. Occ.** (3)—**W., G.** period 12^s lt., 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s Cp. W. 5,000 G. 625	36	W. 13 G. 11	White tower; 30	G. 34°–coast, W. elsewhere.
675 *D0882*	— Pointe de Lervily	-------	**Gp. Fl.** (3)—**W. R.** period 12^s fl. 1^s, ec. 1^s " 1^s, " 4^s " 1^s, " 4^s Cp. W. 3,500, R. 700	66	W. 13 R. 12	White tower: 35	W. 211°–269°, R.–294°, W.– 87°, R.–121°
680 *D 0884*	Pors Poulhan (Portz-ar-Poulhant) point W. of entrance. U.	47 59 4 28	**F. R** Cp. 150	45	9	White square tower; 16	
690 *D 0890*	**Eckmühl (Penmarc'h),** on point.	47 48 4 22	**Fl. W** period 5^s fl. 0.2^s, ec. 4.8^s Cp. 2,000,000	197	20	Octagonal granite tower; 193.	Siren: 1 blast every 60^s. **Radiobeacon.**
700 *D 0886*	— Groumilli Range, front.	47 48 4 23	**F. R** Cp. 20	15	4	Black mast; 26	Range lights.
700. 1 *D 0888*	— — Rear 656 yards 123° from front.	------	**F. W** Cp. 100	45	8	Gray mast 49	
710 *D 0892*	Menhir, W. extremity of rocks off Penmarc'h. U.	47 48 4 24	**Gp. Occ.** (2)—**W. G.** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp., W. 600, G. 75	54	W. 12 G. 8	Black and white tower; 52.	W. 315° to 135°, G.–315°. *Unreliable.*
720 *D 0894*	Locarec Rock U.	47 47 4 20	**Occ.—W. R. G.** period 4^s lt 2^s, ec. 2^s Cp. W. 500, R. 100, G. 60	61	W. 12 R. 8 G. 6	White cylindrical tank; 23.	G. 63°–68°, R.–271°, W.–285°, G.–337°, R.–63°.
730 *D 0891*	Grouies Bian Rock, 0.4 mile, 218° from Pointe de Penmarc'h light. U.	47 48 4 23	**Gp. Fl. W. R.** period 9^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 4.5^s Cp. W. 120, R. 25	20	W. 8 R. 4	White tower; 31	W. 26°–51°, R.–26°.
	LE GUILVINEC:						
740 *D 0896*	— S. side of harbor entrance, front.	47 48 4 17	**Gp. Occ.** (3)—**W. G.** period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s Cp. W. 1,200, G. 150	29	W. 10 G. 9	White tower, upper part green; 22.	G. 322°–8°30′, W.–coast. Obscured N. of 85°. Range lights, synchronized.
740. 1 *D 0898*	— — Rear, 663 yards 53° from front. U.	------	**Gp. Occ. R** (3) period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s Cp. 2,000	64	13	White square-gabled tower; 57.	Intensified over an arc of 7° each side of axis.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			FRANCE—WEST COAST				
	LE GUILVINEC:	N. W					
750 *D 0900*	— Head of W. mole. U.	47 48 4 17	**Occ.—W. R. G.** period 6ˢ lt. 4.5ˢ, ec. 1.5ˢ Cp. W. 600, R. 120, G. 75	32	W. 11 R. 8 G. 7	White turret, upper part red; 30.	G. coast–320°, W.–331°, R.–18°.
760	— Head of S. breakwater.	------	**F. G.**	15	----	Post.10	
770 *D 0902*	Lesconil, on Men Groas Rock. U.	47 48 4 13	**Qk. Fl.—W. R. G.** 60 fl. per min. Cp. W. 1,200, R. 250, G. 150	30	W. 14 R. 10 G. 9	Lantern on white beacon; 20.	G. 268°–313°, W.–333°, R.–50°.
773 *D 0904*	— Head of E. breakwater. U.	-------	**F. G.** Cp. 30	6	5	Concrete block 2	
	L'ABBE RIVER:						
780 *D 0906*	— Loctudy, S. side of river entrance.	47 50 4 10	**Gp. Occ. (3)—W. R.** period 12ˢ lt. 4.5ˢ, ec. 1.5ˢ " 1.5ˢ, " 1.5ˢ " 1.5ˢ, " 1.5ˢ Cp. W. 8,000, R. 1,600	41	W. 12 R. 11	White cylindrical tower; 37.	W. 115°–295°, R.–318°, W.–328°, R.–25°, obsc.–115°.
790 *D 0908*	— Les Perdrix, N. side of river entrance. U.	47 50 4 10	**F.— W. R. G.** Cp. W. 60, R. 12, G. 8	36	W. 6 R. 3 G. 2	Black and white checkered tower; 52.	G. 90°–285°, W.–295°, R.–90°.
	BENODET:						
800 *D 0910*	— Pointe de Combrit, W. side of Odet River entrance.	47 52 4 07	**Gp. Occ. W. (4)** period 12ˢ lt. 3ˢ, ec. 1ˢ " 1ˢ, " 1ˢ " 1ˢ, " 1ˢ " 3ˢ, " 1ˢ Cp. 3,000	60	13	White wooden lantern on white square tower; frame of dwelling; 50.	Visible 323°–19°.
810 *D 0912*	— Pointe du Coq, front.	47 52 4 07	**Gp. Occ. R. (3)** period 15ˢ lt. 5ˢ, ec. 1ˢ " 2ˢ, " 1ˢ " 5ˢ, " 1ˢ Cp. 10,000	37	11	White tower; 40	Intensified 339°–353°. Range lights, synchro nized.
810. 1 *D 0914*	— — Rear, 368 yards 346° from front.	------	**Gp. Occ. W. (3)** period 15ˢ lt. 5ˢ, ec. 1ˢ " 2ˢ, " 1ˢ " 5ˢ, " 1ˢ Cp. 2,000	157	15	Gray cylindrical tower; 118.	Visible 344°–8°.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
820	*Basse Rouge Lighted Whistle Buoy.*	N. W. 47 46 4 04	**Gp. Fl. W. (2)** period 9^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 4.5^s Cp. 500	26	10	Black buoy, lower part white, topmark of 2 cones, points together.	**Whistle.**
830 *D 0918*	**Île aux Moutons,** SE. side.	47 47 4 02	**Gp. Occ. (2)—W. R. G. and F. W.** period 8^s lt. 4.0^s, ec. 1.3^s " 1.4^s, " 1.3^s Cp. W. 5,000, R. 1,000, G. 600	59	W. 14 R. 13 G. 13	White square tower, frame dwelling; 50.	R. 292°–30°, W.–50°, G.–63°30′, W.–81°, R.–141°, W.–279°, intensified and appears as F. W.–283°.
840 *D 0922*	**Île de Penfret,** NE. point.	47 43	**Fl. R** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 200,000	118	17	White square tower; 72	
D 0924			**F. W** Cp. 1,200	112	14	Same tower; 66	Visible 295°–325°.
860	*La Jument Lighted Whistle Buoy,* 1,600 yards, 193° from La Jument Rock.	47 39 4 01	**Gp. Fl. W. (2)** period 9^s fl. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 500	27	11	Red buoy, white band, top mark of 2 cones, points down.	**Whistle.**
870	*Basse Jaune Lighted Whistle Buoy.*	47 43 3 50	**Occ. R** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 140	28	9	Buoy, upper part red, lower part white, topmark of 2 cones, bases together.	**Whistle.**
880 *D 0936*	Le Cochon U.	47 51 3 56	**Occ.—W. R. G.** period 4^s lt. 2^s, ec. 2^s Cp. W. 600, R. 120, G. 75	28	W. 10 R. 8 G. 7	White tower, black diagonal stripes, double barred cross daymark; 43.	W. 352°–48°, G.–205°, R.–352°.
890 *D 0928*	CONCARNEAU: — La Croix Battery, front.	47 52 3 55	**Gp. Occ. W. (3)** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. 3,500	46	12	White cylindrical tower; 30.	Visible 3°–93°. **Radiobeacon.** Range lights.
890. 1 *D 0930*	— — Rear, between Concarneau and Beuzec, 1 mile 28° 40′ from front.		**F. W** Cp. 1,300,000	177	19	White cylindrical tower; 30.	Visible 3°–93°. Intensified 2° on either side of axis.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CONCARNEAU:	N. W.					
900 *D 0934*	— W. side of Lanriec Passage.	47 53 3 55	**Gp. Occ. (2)—** **W. R.** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. W. 800 R. 160	10	W.13 R. 8	Red tower; 20	R. 209°–354°, W.–7°, R.–18°, obsc. elsewhere.
910 *D 0932*	Lanriec, E. of Concarneau entrance. **U.**	47 52 3 55	**F. R** Cp. 2,000	42	11	Gable of white house; 17.	Intensified 63°–78°.
920 *D 0940*	Baie de Pouldohan **U.**	47 51 3 54	**F. G** Cp. 150	21	9	Square turret; 18	Visible 53°–65°.
930 *D 0944*	Trevignon, on breakwater. **U.**	47 48 3 51	**Gp. Occ. (4)—** **W. R. G.** period 12^s lt. 3^s, ec. 1^s " 3^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s Cp. W. 1,200, R. 250, G. 150	35	W.12 R.11 G. 9	Square masonry tower; 25.	R. 322°–351°, obsc.–4°, W.–51°, G.–85°, W.–92°, R.–127°, obsc. elsewhere.
940 *D 0946*	Beg-ar-Vechen (Port Manech) on W. side of entrance to Aven River.	47 48 3 44	**Gp. Occ. (4)—** **W. R. G.** period 12^s lt. 5^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s Cp. W. 1,500, R. 300, G. 200	125	W.15 R.11 G.10	White cylindrical tower; 26.	W. from right bank of river–296°, G.–303° 30′, W.–311° 30′, R.– 328°, W.–50°, obsc. elsewhere.
950 *D 0950*	Brigneau, head of mole, W. side of entrance. **U.**	47 47 3 40	**Occ.—W. R. G.** period 4^s lt. 3^s, ec. 1^s Cp. W. 1,200, R. 250, G. 150	22	W.14 R. 9 G. 9	White column; 18	G. 280°–332°, W.–357°, R.–46°, obsc. elsewhere.
960 *D 0952*	Merrien, W. side of port near entrance **U.**	47 47 3 39	**Qk. Fl. W** 60 fl. per min. Cp. 1,200	85	14	White square tower; 25	Visible 4°–9°.
970 *D 0954*	Douelan, E. bank about 219 yards from entrance to port, front.	47 46 3 36	**Gp. Occ. (3)—** **W. G.** period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s Cp. W. 3,000, G. 350	65	W.13 G.11	White tower, black bands; 43.	G. 305°–314°, W.–305°. Range lights, synchronized.
970. 1 *D 0956*	— Rear, 356 yards 14° from front.		**Gp. Occ. R. (3)** period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s Cp. 600	89	13	White tower, black bands; 38.	
975 *D 0960*	Kéroc'h, S. side of point. **U.**	47 42 3 28	**Gp. Occ. (2)—** **W. R. G.** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. W. 1,200, R. 240, G. 150	68	W.14 R.10 G. 9	Cast iron column; 24	R. 99°–117°, G.–140°, W.–99°.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ÎLE DE GROIX:	N. W.					
980 *D 0962*	— **Pen Men,** NW. point of the island.	47 39 3 31	**Gp. Fl. W. (4)** period 25^{s} fl. 0.3^{s}, ec. 2.7^{s} " 0.3^{s}, " 2.7^{s} " 0.3^{s}, " 2.7^{s} " 0.3^{s}, " 15.7^{s} Cp. 5,000,000	194	20	White square tower, black top; 75.	**Siren:** 4 blasts every 60^{s}. **Radiobeacon.**
990 *DQ964*	— Port Tudy, head of E. mole.	47 39 3 27	**F. R** Cp. 700	36	11	White turret, red top; 26.	Visible 112°–230°.
1000 *D0966*	— — Head of N. mole		**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 375	36	11	White circular tower, green top; 27.	
1010 *D 0968*	— Pointe de la Croix, at edge of cliff, E. point of island. **U.**	47 38 3 25	**Occ.—W. R** period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. W. 3,500, R. 700	49	12	Lantern on white masonry base; 7.	W. 169°–336°, R.–345°, W.–353°, obscured elsewhere.
1020 *D 0970*	— **Pointe des Chats,** SE. point of island.	47 37 3 25	**Fl. R** period 5^{s} fl. 0.6^{s}, ec. 4.4^{s} Cp. 6,000	49	12	White square tower, dwelling; 43.	Visible 199°–91°.
	L'ORIENT AND PORT LOUIS:						
1050 *D 0974*	— **Les Trois Pierres** **U.**	47 42 3 22	**F.—R. G** Cp. R. 200, G 125	35	R.10 G. 8	Black octagonal tower, white bands; 55.	G. 60° 30′–196°, R.–1° 30′, obscured elsewhere.
1060 *D 1004*	— West Pass, Lohic, at foot of S. bastion of Citadel at Port Louis, front.	47 42 3 21	**Qk. Fl. W** Cp. 200,000	19	9	Small white house with wall surmounted by square black day mark; 10.	Intensified over arc of 2°. Range lights lead through W. pass up to alignment of S. pass range lights.
1060. 1 *D 1006*	— — Rear, Kerbel, 1,345 vards 60° 30′ from front.		Qk. Fl. W Cp. 40,000	95	15	White cylindrical tower; 75.	Intensified 58°–62°. Reserve light F. W.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	L'ORIENT AND PORT LOUIS:	N. W.					
1070 *D0976*	— South Pass Halles Range, front, NE. gable of fish market warehouse.	47 44 3 22	**Gp. Occ. R.** (3) period 12^{s} lt. 4^{s}, ec. 1^{s} " 1^{s} " 1^{s} " 4^{s}, " 1^{s} Cp. 25,000	52	13	White metal pylon; 36.	Intensified 3½° either side of axis. Range lights.
1070. 1 *D0978*	— — Rear, Kergroise 580 yards 8° 30′ from front.	------	**Gp. Occ. W.**(3) period 12^{s} lt. 4^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 4^{s}, " 1^{s} Cp. 40,000	85	14	Pylon with red and white stripes, red topmark; 64.	Intensified 1½° either side of axis. Obscured 26°–356°.
1080 *D 1008*	— Port Louis, NE. head of jetty.	47 43 3 21	**F. G**---------- Cp. 150	15	8	White wooden structure; 13.	
1090 *D 0984*	— Citadel at Port Louis, E. side of channel.	47 43 3 22	**Occ. G**-------- period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 150	15	8	Black and white checkered tower, △ topmark; 31.	Visible 9°–193°.
1100 *D 1082*	— La Petite Jument (Jument Rocks), W. side of channel.	47 43 3 22	**Occ. R**-------- period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 100	14	8	Red turret; 31--------	Visible 182°–24°.
1110 *D 0986*	— Le Cochon, on rock. W. side of channel.	------	**Fl. R**---------- period 6^{s} fl. 1.5^{s}, ec. 4.5^{s} Cp. 100	15	8	Red concrete tower; 24	
1120 *D0985*	— Base Sous-Marine Range, front.	47 44 3 22	**Gp. Occ.R.** (2)– period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s} Cp. 8,000	80	14	Hut on Submarine base roof; 14.	Visible 3° either side of axis. Range lights, synchronized
1120. 1 *D 0985-1*	— — Rear, about 295 feet 350° 30′ from front.	------	**Gp. Occ. R.**(2)– period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s} Cp. 8,000	100	15	Pylon on Submarine base roof; 36.	
1130 *D 0994*	— — Keroman fishing port, head of SE. mole. **U.**	------	**F. G**----------	19	4	Pylon; 16------------	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	L'ORIENT AND PORT LOUIS.	N. W.					
1140 *D 0996*	— Kernevel Bay, front.	47 43 3 22	**F. G** Cp. 100	11	8	Metal hut, masonry base, square black topmark; 6.	Range lights. Visible 16° on each side of axis.
1140. 1 *D 0998*	— — Rear, 328 yards 215° from front.		**F. R** Cp. 160	30	9	Dwelling, black △ topmark; 20.	F. R. lights are shown from the tops of 2 pylons and 2 masts 0.3 mile, 247° from Le Cochon Beacon.
1150 *D 1002*	— Commercial port, landing place, S. side of entrance.	47 45 3 21	**F. R** Cp. 300	22	9	White iron hut; 19	F. G. and F. R. lights, in range 35°, are occasionally shown from Pointe du Malheur.
1160 *D 1012*	Etel, W. side of river entrance.	47 39 3 13	**Gp. Occ. (2)—W. R. G.** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. W. 1,250, R. 250, G. 160	40	W. 11 R. 10 G. 9	Red tower; 33	W. 22°–64°, R.–123°, W.–330°, G.–22°.
1170 *D 1014*	Plateau des Birvideaux. U.	47 29 3 18	**Occ. W** period 4^s lt. 3^s, ec. 1^s Cp. 1,500	77	14	Red and black banded octagonal tower; 111	*Irregular*
	BELLE ÎLE:						
1180 *D 1032*	— **Anse de Goulphar,** on plateau, SW. side of island.	47 19 3 14	**Gp. Fl. W. (2)** period 10^s fl. 0.1^s, ec. 2.4^s " 0.1^s, " 7.4^s Cp. 20,000,000	276	23	White cylindrical tower; 150.	**Siren;** 1,422 yards 210° from lighthouse, 2 blasts every 60^s. **Radiobeacon.**
1190 *D 1030*	— **Pointe des Poulains,** on Poulains Islet, off NW. extremity of Belle Ile.	47 23 3 15	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 50,000	111	16	White square tower, frame of dwelling; 46.	Obscured by land 291°–23°.
1200 *D 1044*	— Sauzon, head of W. mole.	47 22 3 13	**Gp. Occ. W. (4)** period 12^s lt. 3^s, ec. 1^s " 3^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s Cp. 6,000	32	11	White cylindrical tower; 27.	Visible 194°–253°.
1210 *D 1042*	— Le Palais, head of N. jetty.	47 21 3 09	**F. G** Cp. 150	36	9	White tower, 27	
1220 *D 1040*	— — Head of S. jetty	47 21 3 09	**Gp. Occ. W. (3)** period 12^s lt. 4^s, ec. 1^s " 4^s, " 1^s " 1^s, " 1^s Cp. 3,500	36	11	White cylindrical tower; 27.	Obscured by Pointe de Taillefer W. of 17° and by Pointe de Kerdonis S. of 298°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			FRANCE—WEST COAST				
	BELLE ÎLE:	N. W.					
1230 *D 1036*	— **Pointe de Kerdonis,** E. extremity of island.	47 19 3 04	**Gp. Fl. R. (3)** period 15^s fl. 1^s, ec. 2^s “ 1^s, “ 2^s “ 1^s, “ 8^s Cp. 3,500	116	16	White square tower, frame of dwelling; 36.	Obscured 25°–129°.
	PORT MARIA:						
1240 *D 1018*	— Head of SW. mole, front.	47 28 3 08	**Occ. W** period 4^s lt. 3^s, ec. 1^s Cp. 10,000	19	9	White turret; 15	Intensified 7° either side of axis. **Bell.** Range lights.
1240. 1 *D 1020*	— — Rear, S. side of Quiberon Peninsula, 585 yards 15° from front.	47 29 3 07	**Qk. Fl. — W. R. G.** 60 fl. per min. Cp. W. 7,500, R. 1,500, G. 1,000	92	W.15 R.15 G.14	White tower; 75	W. 283°–297°, G.–340°, W.–17°, R.–51°, W.–81° 30′, G.–98°, W.–143°, and 246°–252°, obsc. elsewhere.
	PASSAGE DE LA TEIGNOUSE:						
1250 *D 1022*	— La Teignouse, N. side of pass.	47 27 3 03	**Fl. R** period 5^s fl. 0.6^s, ec. 4.4^s Cp. 6,000	59	13	White cylindrical tower; 51.	Totally or partially obscured when bearing more than 107°, obscured 311°–326°.
D 1024	— — Auxiliary	-----	**F. W** Cp. 2,500	44	11	Window of same tower	Visible 33°–39°.
1260	— *Gouee-Vas Sud Lighted Buoy.*	47 26 3 05	**Gp. Occ. R. (2)** period 9^s lt. 4.5^s, ec. 1.5^s “ 1.5^s, “ 1.5^s Cp. 25	13	4	Red buoy, white band, topmark of 2 cones, points down.	
1270	— *Banc du Milieu Lighted Buoy.*	47 26 3 04	**Gp. Fl. W. (2)** period 9^s fl. 1.5^s, ec. 1.5^s “ 1.5^s, “ 4.5^s Cp. 500	29	10	Buoy, upper part black, lower part white, topmark of 2 cones points together.	
1280	— *Gouee-Vas NE. Lighted Buoy.*	47 26 3 04	**Gp. Fl. R. (3)** period 12^s fl. 1^s, ec. 1.5^s “ 1^s, “ 1.5^s “ 1^s, “ 6.0^s Cp. 25	13	4	Buoy, upper part red, lower part white, topmark of 2 cones bases together.	
1290	— *Basse Nouvelle Lighted Buoy.*	47 27 3 02	**Gp. Occ. R. (2)** period 9^s lt. 4.5^s, ec. 1.5^s “ 1.5^s, “ 1.5^s Cp. 25	13	4	Red buoy, white band, topmark of 2 cones, points downward.	

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			FRANCE—WEST COAST				
	PASSAGE DE LA TEIGNOUSE:	N. W.					
1300	— *La Teigneuse N. E. Lighted Buoy.*	47 27 3 02	**Occ. W** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 120	13	8	Black buoy, white band, topmark of 2 cones points up.	
1310	— *Banc de Quiberon Lighted Buoy*, S. edge of bank.	47 28 3 02	**Gp. Fl. R. (2)** period 9^{s} fl. 1.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 4.5^{s} Cp. 25	13	4	Red buoy, white band, topmark of two cones points down.	
1318	**Ile de Houat, St. Gildas, on the N. mole.**	**47 24** **2 57**	**Occ.—W. G.** **period 4^{s}** **lt. 2^{s}, ec. 2^{s}** **Cp. W. 500, G. 60**	**23**	**W. 9** **G. 7**	**White tower, green top; 16.**	**W. 168°–198°, G.–210°, W.–240°, G elsewhere.**
1330 *D 1086*	**Les Grands Cardinaux,** on Groguegués Rock, SE. of Headik Island.	47 19 2 50	**Occ. W** period 5^{s} lt. 4^{s}, ec. 1^{s} Cp. 6,000	89	15	Cylindrical tower, red and white bands; 81.	Obscured 120°–143°, Danger signals.
1340 *D 1026*	Port Haliguen, E. side of Presquile de Quiberon, head of N. jetty.	47 29 3 06	**Gp. Occ. (2)—W. R.** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s}	39	W. 15 R. 12	White cylindrical tower; 37.	W. 148°–257°, R.–295°, W.–302°, obsc.–317°, W.–339°, obsc. elsewhere.
	CRAC'H RIVER:						
1350 ***D1050***	**— E. side of river, front.**	**47 34** **3 00**	**Occ. W** **period 4^{s}** **lt. 2^{s}, ec. 2^{s}** **Cp. 40,000**	**30**	**10**	**White dwelling; 16**	**Intensified 2° 30′ each side of axis.** **Range lights, synchronized.**
1350. 1 ***D1052***	**— — Entrance, rear, Kernavest, about 0.28 mile 347° from front.**		**Occ.—W. R** **period 4^{s}** **lt. 2^{s}, ec. 2^{s}** **Cp. W. 5,000, R. 1,000**	**69**	**13**	**White cylindrical tower; 41.**	**R. 9°–52°, W.–9°.**
1360 *D 1048*	La Trinité, near foot of jetty. U.	47 35 3 02	**Gp. Occ. (3)—W. G. R.** period 12^{s} lt. 4^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 4^{s}, " 1^{s} Cp. W. 1,200, R. 250, G. 150	21	W. 10 R. 9 G. 9	Column; 19	G. 282°–293°, W.–301°, R.–325°, obsc.–282°.
1370 *D 1054*	Port Navalo, NE. side of Quiberon Bay, E. side of entrance to Morbihan.	47 33 2 55	**Gp. Occ. (3)—W. R. G.** period 12^{s} lt. 4.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 1.5^{s} " 1.5^{s}, " 1.5^{s} Cp. W. 16,000, R. 3,200, G. 2,000	104	W. 16 R. 16 G. 15	White cylindrical tower, frame of dwelling, 62.	W. 359°–15°, R.–104° 30′, obsc.–155° 30′, W.–219° 30′, obsc.–317° 30′, G.–359°.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PLATEAU DE LA RECHERCHE:	N. W.					
1380	— *Lighted Buoy,* W. end of shoal.	47 26 2 50	**Gp. Fl. W. (2)** period 9^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 4.5^s Cp. 500	13	8	Buoy, upper part black, lower part white, topmark of 2 cones, points together.	
1385 *D 1056*	Saint Jacques en Sarzeau, on head of mole.	47 29 2 47	**Gp. Occ. (2)—R. W.** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. W. 1,200, R. 240	18	9	Octagonal tower; 13	R. 274°–287°, W.–312°, R.–37°.
1390 *D 1062*	Le Pignon, entrance to Penerf River. U.	47 30 2 39	**F.—R. G.** Cp. R. 100, G. 60	27	R. 8 G. 6	Black tower; 45	R. 350°–170°, G–350°.
	LA VILAINE RIVER:						
1400 *D1060*	— Ile Dumet, off entrance to river.	47 25 2 37	**Gp.Fl.—W.R.G. (2).** period 6^s fl. 1^s, ec. 1^s " 1^s, ec. 3^s	49	12	White column; 18	G. 90°–272°, W.–285°, R.–325°, W.–90°.
1410 *D1064*	— Pointe de Penlan, N. side of river entrance.	47 31 2 30	**Gp. Occ. (3),—W. R. G.** period 12^s lt. 4^s, ec. 1^s " 4^s, " 1^s " 1^s. " 1^s Cp. W. 5,000, R. 1,000, G. 600	68	W. 14 R. 13 G. 13	White square tower, black cupola, frame of dwelling; 39.	G. shore–52°, W.–60°, R.–90°, obsc. elsewhere.
1420 *D 1066*	— Pointe du Seal, S. side of river mouth, front.	47 30 2 27	**Gp. Occ. W. (4)** period 12^s lt. 5^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s Cp. 1,200	25	9	White square tower; 11	Range lights. Synchronized.
1420.1 *D 1068*	— Rear, Trehiguier Village, 480 yards 112° from front.	------	**Gp. Occ. R. (4)** period 12^s lt. 5^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s Cp. 2,000	67	13	White square tower, frame of dwelling; 42.	Intensified 16° each side of axis.
1430 *D 1072*	Mesquer, inner end of jetty. U.	47 25 2 28	**Gp. Occ. (4)—W. R. G.** period 12^s lt. 3,^{s} ec. 1^s " 3^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s Cp. W. 3,000, R. 600, G, 375	23	W.10 R.10 G. 9	White column; 18	W. 67°–72°, R.–102°. W.–118°, R.–293°, W.–325° G.–67°.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° '	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
1440 *D 1074*	Piriac Sur Mer, head of jetty. **U.**	47 23 2 33	**Gp. Occ. (2) — W. R. G.** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. W. 1,200, R. 240, G. 150	23	W. 10 R. 10 G. 9	White column; 18	R. 66°–185°, W.–201°, G.–224°, obsc.–66°. **Siren:** 1 blast every 120^s.
1450 *D 1080*	**Le Four**	47 18 2 38	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 120,000	79	14	White cylindrical tower, black spiral bands; 92.	
1460	*Gouee-Vas Shoal Lighted Buoy*, South of shoal.	47 15 2 38	**Gp. Fl. R. (2)** period 9^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 4.5^s Cp. 100	19	8	Red buoy with white horizontal band, topmark of 2 cones, points down.	
1470 *D 1076*	LA TURBALLE: — Head of Garlahy Jetty.	47 21 2 31	**Gp. Occ. (3) — W. R.** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. W. 1,500, R. 300	35	W. 11 R. 11	White turret; 28	W. 325°–45°, R.–145°, obscured elsewhere, obscured by land on bearings greater than 134° and less than 20°.
1480 *D 1078*	— NW. extremity of Tourlandroux Breakwater. **U.**	47 21 2 31	**F. G** Cp. 75	23	7	White hut; 20	
1490 *D 1090*	LE CROISIE: — Head of Tréhic Jetty, W. side of entrance to port. **U.**	47 19 2 31	**Occ.—W. G.** period 4^s lt. 2^s, ec. 2^s Cp. W. 3,500, G. 440	39	11	Gray granite turret; 33	G. 42°–93°, **W.–137°**, G.–345°, obsc.–42°.
1500 *D 1092*	— Near the beach, front.	47 18 2 31	**Gp. Occ. W. (3)** period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s Cp. 800	15	8	White wooden mast; 16	Range lights, synchronized.
1500. 1 *D 1094*	— — Rear, 50 yards 156° from front.		**Gp. Occ. W. (3)** period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s Cp. 800	35	11	White wooden mast; 21	
1510 *D 1098*	LOIRE RIVER ENTRANCE: — Le Pouliguen, outer end of jetty.	47 16 2 25	**Qk. Fl. R** 60 fl. per min. Cp. 250	23	9	Iron structure on white hut; 18.	Visible 295°–339°.
1520 *D 1100*	— — Petit Impairs Tower. **U.**		**F. G** Cp. 60	19	6	Black turret 14	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	FRANCE—WEST COAST						
	LOIRE RIVER ENTANCE:	N W.					
1530 *D 1096*	— **La Banche,** on le Turc Rock, between N. and S. channels to the river.	47 11 2 28	**Gp. Fl. (3)—W. R.** period 15^s fl. 0.8^s, ec. 1.8^s " 0.8^s, " 5.4^s " 0.8^s, " 5.4^s Cp. W. 60,000 R. 12,000	73	W. 14 R. 14	White truncated tower, black bands; 90.	R. 266°–280°, obsc. by Pointe de Croisic E. of 155°, W.–266°. **Siren:** 3 blasts ev. 60^s.
1540	— *Lighted Whistle Buoy* W. side of bank.	47 12 2 32	**Gp. Occ. W. (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 500	23	9	Buoy, upper half black, lower half white, topmark of two cones, points together.	**Whistle.**
1550	— *Roche du Nord Ouest Lighted Bell Buoy.*	47 13 2 31	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 500	13	8	Black buoy, white band, topmark of 2 cones, points up.	**Bell.**
1560	— *La Lombarde Lighted Bell Buoy,* at Junction of N. and S. channels.	47 10 2 21	**Gp. Occ. R (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 100	13	8	Red buoy, white band, topmark of 2 cones points down.	**Bell.**
1564 *D1150*	— Pointe de St. Gildas, at semaphore.	47 08 2 15	**Qk. Fl.—W. R. G.** 60 fl. per min. Cp. W. 3,000, R. 600, G. 375	77	W. 14 R. 12 G. 11	White house; 52	R. from shore–308°, G.–78°, W.–88°, R.–174°, W.–182° obsc. elsewhere.
1570 *D 1158*	— **Le Pilier,** S. side of Grand Chenal de la Loire (Chenal du Sud).	47 03 2 22	**Gp. Fl. W. (3)** period 20^s fl. 0.2^s, ec. 3.8^s " 0.2^s, " 3.8^s " 0.2^s, " 11.8 Cp. 5,000,000	108	16	Square granite tower; 99.	**Siren:** 3 blasts ev. 60^s. **Radiobeacon**
	— Auxiliary light		**F. R** Cp. 1,200	31	10	Same tower	Visible 321°–34°.
1577	— *Entrance Lighted Whistle Buoy S. N. 1.*	47 00 2 40	**Occ. W** period 6^s Cp. 500	23	9	Conical buoy, red and white stripes.	**Whistle.** Radar reflector.
1578	— *Entrance Lighted Buoy S. N. 2.*	47 03 2 31	**Gp. Occ. W. (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 500	13	8	Conical buoy, black and white stripes, T topmark.	Radar reflector.
1579	— *Entrance Lighted Buoy S. N. 3.*	47 06 2 22	**Occ. W** period 6^s Cp. 500	13	8	Conical buoy, red and white stripes.	Radar reflector.
1580	— *La Couronnée Lighted Buoy,* off W. end of bank.	47 07 2 20	**Gp. Fl. W. (4)** period 15^s fl. 1^s, ec. 1.5^s " 1^s, " 1.5^s " 1^s, " 1.5^s " 1^s, " 6.5^s	13	8	Black buoy, lower part white, topmark of two cones, points together.	
1590	— *Chatelier Lighted Buoy,* W. side of rock.	47 10 2 18	**Gp. Fl. W. (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 500	13	8	Black buoy, lower part white, topmark of two cones, points together.	

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			FRANCE—WEST COAST				
	LOIRE RIVER ENTANCE:	N W.					
1600 *D 1104*	— Le Grand Charpentier, N. side of Chenal du Nord.	47 13 2 19	**Fl. —W. R. G.** period 1.5ˢ fl. 0.4ˢ, ec. 1.1ˢ Cp. W. 30,000, R. 6,000, G. 4,000	76	14	Gray cylindrical granite tower; 83.	R. 111°–310°, W.–20°, G.–49°, W.–111°.
1610 *D 1106*	— Portcé-Kérlédé Range, at foot of cliff, front.	47 15 2 15	**Gp. Occ. W.** (3) period 12ˢ lt. 4.5ˢ, ec. 1.5ˢ " 1.5ˢ, " 1.5ˢ " 1.5ˢ, " 1.5ˢ Cp. 80,000	7	7	White hut, masonry base; 13.	Intensified 2° each side of axis. Range lights.
1610. 1 *D 1108*	— — Center, top of cliff.	-------	**Gp. Occ. R.** (3) period 12ˢ lt. 4.5ˢ, ec. 1.5ˢ " 1.5ˢ, " 1.5ˢ " 1.5ˢ, " 1.5ˢ Cp. 200,000	56	13	White square house; 10.	
1610. 2 *D 1110*	— — Rear, Kérlédé, 877 yards 25° from Portcé Center Light.	-------	**Gp. Occ. W.** (3) period 12ˢ lt. 4.5ˢ, ec. 1.5ˢ " 1.5ˢ, " 1.5ˢ " 1.5ˢ, " 1.5ˢ Cp. 200,000	141	18	White cylindrical tower, two black and white checkered panels; 87.	
1620 *D 1114*	— Aiguillon, near Pointe de l'Eve.	47 15 2 16	**Gp. Occ. W.** (4) period 12ˢ lt. 5ˢ, ec. 1ˢ " 1ˢ, " 1ˢ " 1ˢ, " 1ˢ " 1ˢ, " 1ˢ Cp. 7,000	90	15	White cylindrical tower surmounted by white truncated pyramidal day mark; 74.	Obscured N. of 72°.
	— Ville es Martin:						
1630 *D 1116*	— — head of jetty U.	47 15 2 14	**Gp. Fl. W.** (2) period 6ˢ fl. 1ˢ, ec. 1ˢ " 1ˢ, " 3ˢ Cp. 3,000	33	11	Gray turret; 41	
1640 *D 1118*	— Les Morées, NE. point of Banc des Morées. U.	47 15 2 13	**Gp. Occ. (2) W. R. G.** period 9ˢ lt. 4.5ˢ, ec. 1.5ˢ " 1.5ˢ, " 1.5ˢ Cp. W. 500, G. 60	45	W. 11 R. 8 G. 6	Black beacon; 60	G. 65°–71°, W. –77°, obsc. –90°, W. –224°, obsc. –300°, R. –39°, obsc. –65°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LOIRE RIVER: — St. Nazaire:	N. W.					
1650 *D 1122*	— — Head of W. jetty	47 16 2 12	**F. R** Cp. 500	36	11	White cylindrical tower, 26.	**Horn:** 2 blasts every 30^{s}.
1660 *D 1124*	— — Head of E. jetty of new S. entrance.		**F. G** Cp. 300	36	11	White cylindrical turret; 26.	
1670 *D 1126*	— — Head of old mole		**Gp. Occ. W. (3)** period 12^{s} lt. 4^{s}, ec. 1^{s} " 4^{s}, " 1^{s} " 1^{s}, " 1^{s}	59	13	White cylindrical turret; 50.	A F. R. light is shown from S. pier of old dock entrance. Weather and traffic signals.
1680	— — Roches de Gron Range, front.	47 18 2 10	Qk. Fl. W Cp. 500	15	8	Hut red and white stripes	Range lights.
1680. 1	— — — Rear, 440 yards 32° from front.		Qk. Fl. W Cp. 500	40	11	Pylon red and white bands	
1690	— — Montoir Range, near W. extremity of Dique de Montoir, front.	47 18 2 09	Qk. Fl. W Cp. 120	31	8	Red pylon; 21	Range lights.
1690. 1	— — — Rear, 495 yards 50° from front.		F. W Cp. 500	57	12	Pylon; red and white bands	
1700	— L'Etang Range, front.	47 18 2 07	Qk. Fl. R Cp. 300	21	8	Red hut on dolphin, white center stripe.	Range lights.
1700. 1	— — Rear, about 1,260 yards 65° from front.		Qk. Fl. W Cp. 11,000	64	13	Pylon, ▭ daymark, red and white bands.	
1710 *D 1136*	— Pienard Range, front.	47 18 2 07	**F. R** Cp. 300	21	9	Hut, red and white stripes.	Range lights. Intensified 4° both sides of axis.
1710. 1 *D 1136.1*	— — Rear, about 0.64 mile 274° from front.		**Occ. W** period 6^{s} lt. 3^{s}, ec. 3^{s} Cp. 10,000	51	12	Pylon, red and white bands.	
	— Donges:						
1720 *D 1138*	— — Petroleum berth, E. dolphin.	47 18 2 05	**F. G** Cp. 150	38	9	Black pylon	
1730	— — Westernmost of Duc d'Albe Dolphins.		**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 60	38	6	Black pylon	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LOIRE RIVER: — Donges:	N. W.					
1740 *D 1140*	— — Head of jetty	47 18 2 04	**F. R** Cp. 150	29	9	Black post on iron hut; 22.	
	BAIE DE BOURGNEUF:						
1750 *D 1152*	— Pornic, W. side of entrance to port.	47 07 2 07	**Gp. Occ. (4) — W. R. G.** period 12^s lt. 3^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 3^s, " 1^s Cp. W. 1,600, R. 300, G. 200	74	W. 14 R. 11 G. 10	White square tower, frame of dwelling; 44.	G. coast –51°30′, W. –79°, R.–coast.
1760 *D 1154*	— Etier des Brochets, W. extremity of S. embankment at mouth of river. U.	47 00 2 02	**Gp. Occ. (3) — W. R. G.** period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s Cp.W. 750, R. 150, G. 100	23	W. 9 R. 9 G. 8	White metal column; 20.	G. 71°–91°, W. –102° R.–**116°, W.–119°, R.–164°.**
1770 *D 1156*	— Bec de l'Epois, on point, SE. shore of bay.	46 56 2 04	**Occ.—W. R. G.** **period 4^s** **lt. 2^s, ec. 2^s** **Cp. W. 2,000, R. 500, G. 250**	18	W. 9 R. 9 G. 8	Square white turret with gable; 21.	G. 106°–113°30′, R. –122°, G. –157°30′, W. –158°30′, R. 171°30′, W. –176°, obsc. elsewhere.
1780	*Chaussee des Bœufs Lighted Bell Buoy,* off SW. extremity.	46 55 2 28	**Gp. Fl. W. (2)** period 9^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 4.5^s	23	9	Black cylindrical buoy, lower part white, topmark of 2 cones, points together.	**Bell.**
	ÎLE DE NOIRMOUTIER:						
1790 *D 1164*	— **Pointe des Dames,** NE. side of island.	47 01 2 13	**Gp. Occ. (3) — R. G.** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. W. 20,000, R. 4,000, G. 2,500	112	W. 16 R. 16 G. 15	White square tower, frame of dwelling; 54.	R. 357°–16°30′, G. –57°. R. –124°, G. –165°, W. –191°, R. –267°, W. –357°.
1800 *D 1166*	— Noirmoutier, head of Heaux Jetty. U.	46 59 2 13	**Gp. Occ. W. (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 500	22	9	White iron column, upper part black; 19.	
1805 ***D 1162***	**— Piere Moine Tower**	**47 03** **2 12**	**Occ. R** **period 6^s** **lt. 4.5^s, ec. 1.5^s** **Cp. 100**	**51**	**8**	**Black tower, red bands; 54**	

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ÎLE DE NOIRMOUTIER:	N. W.					
1810 *D 1170*	— L'Herbaudiere, NW. point of island, head of jetty. **U.**	47 02 2 18	**Gp. Occ. (3)—W. R. G.** period 12^{s} lt. 4^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 4^{s}, " 1^{s} Cp. W. 1,200, R. 250, G. 150	25	W. 10 R. 10 G. 9	White column; 19	W. 56°30′–95°, G.–155°, W.–190°, R.–shore. **Nautophone:** 1 blast 30^{s}. Reserve fog signal: Bell.
1820 *D 1168*	— Pointe de Devin, W. side of island. **U.**	46 59 2 18	**Gp. Occ. (4)—W. R. G.** period 12^{s} lt. 5^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s} Cp. W. 750, R. 150, G. 95	33	W. 11 R. 9 G. 7	White column; 20	G. 314°–28°, W.–35°, R.–134°, obsc. elsewhere.
	GOULET DE FROMENTINE:						
1830	— *Approach Lighted Whistle Buoy.*	46 53 2 12	**Occ. W** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 120	11	8	Black and white striped buoy, topmark of 2 barred cross surmounted by an X-shape.	
1840 *D 1172*	— Notre Dame des Monts, E. of point.	46 53 2 09	**Qk. Fl.—W. R. G.** 60 fl. per min. Cp. W. 5,000, R. 1,000, G. 600	69	W. 14 R. 14 G. 13	White tower; 27	W. coast S. of light–63° R.–73°, W.–91°, G.–113°, W.–116°, R.–coast N. of light, W. sector shifted to conform to channel.
	ÎLE D'YEU:						
1850 *D 1176*	— **Petite Foule;** about 75 yards WSW. of old lighthouse.	46 43 2 23	**Fl. W** period 5^{s} fl. 0.4^{s}, ec. 4.6^{s} Cp. 1,000,000	183	19	White square tower, 115.	**Radiobeacon.** In fog, candlepower is increased to 10,000,000. **Siren:** 1 blast every 60^{s}. (About 1 mile N. W. of light.)
1860 *D 1178*	— Les Chiens Perrins, about 875 yards off NW. extremity of islands. **U.**	46 44 2 25	**Gp. Occ. (2)—W. G.** period 9^{s} lt. 4.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 1.5^{s} Cp. W. 500, G. 60	49	W. 12 G. 6	Tower, upper part white, lower part black, topmark of two cones, points together; 51.	W. 350°–200°, obsc.–330°, G.–350°. *Unreliable.*
1870 *D 1180*	— Joinville (Port Breton) head of NW. jetty.	46 44 2 21	**Gp. Occ. (3)—W. G.** period 15^{s} lt. 8^{s}, ec. 1^{s} " 2^{s}, " 1^{s} " 2^{s}, " 1^{s} Cp. W. 450, G. 60	21	W. 9 G. 6	White octagonal turret; 16.	G. 122°30′–152°, W.–283° 30′, obsc. elsewhere. **Bell.** on Galiote Bridge, E. side of entrance.
1880 *D 1182*	— — Head of Grand Quai, front.	46 44 2 21	**F. G** Cp. 20	22	4	White truncated conical tower; 17.	Range lights.
1880. 1 *D 1184*	— — — Rear, 290 yards 202°30′ from front.		**F. G** Cp. 25	66	4	White square turret; 39.	Visible 109°–306°, partially obsc. 280°–285°, and 291°–296°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ÎLE D'YEU:	N. W.					
1890 *D 1186*	— Pointe du Corbeau, SE. extremity of island.	46 41 2 17	**Gp. Fl. R. (3)** period 15ˢ fl. 1ˢ, ec. 2ˢ " 1ˢ, " 5ˢ " 1ˢ, " 5ˢ Cp. 3,600	82	14	White square tower; 62	Obscured by land 83°–143°.
1900 *D 1188*	— La Meule (Port de la Mule) W. side of entrance. U.	46 42 2 21	**Occ.—W. R. G.** period 6ˢ lt. 4.5ˢ, ec. 1.5ˢ Cp. W. 200, R. 40, G. 25	29	W. 10 R. 5 G. 4	White pylon and hut; 17.	G. 8°–18°, W.–28°, R.–42°.
	ST. GILLES SUR VIE:						
1910 *D 1190*	— Croix de Vie Quay, front.	46 42 1 57	**Gp. Occ. R. (4)** period 12ˢ lt. 3ˢ, ec. 1ˢ " 3ˢ, " 1ˢ " 1ˢ, " 1ˢ " 1ˢ, " 1ˢ Cp. 4,000	22	9	White square masonry tower bordered with black; 17.	Intensified 10° each side of axis. Range lights, synchronized.
1910. 1 *D 1192*	— — Rear, 284 yards 41° from front.	------	**Gp. Occ. (4)—W. R. G.** period 12ˢ lt. 3ˢ, ec. 1ˢ " 3ˢ, " 1ˢ " 1ˢ, " 1ˢ " 1ˢ, " 1ˢ Cp. W. 4,500, R 900, G. 550	88	W. 15 R. 13 G. 12	White square masonry tower upper part black; 73.	G. 336°–1°, W.–45°, R.–57°, W.–112° (when more than one mile from the shore), obscured elsewhere. **Bell:** on Boivinet Pier. A F. W., visible in harbor only , is shown from the head of Grand Mole.
	LES SABLES D'OLONNE:						
1920 *D 1198*	— La Grande Barge	46 30 1 51	**Gp. Fl. W. (2)** period 10ˢ fl. 0.5ˢ, ec. 2ˢ " 0.5ˢ, " 7ˢ Cp. 120,000	75	14	Conical tower with black cupola and painted name; 90.	
1930	— *Petite Barge Lighted Whistle Buoy.*	46 29 1 51	**Gp. Fl. R. (2)** period 6ˢ fl. 1ˢ, ec. 1ˢ " 1ˢ, ec. 3ˢ	26	8	Red and white buoy	**Whistle.**
1940 *D 1206*	— Estacade near beach, SE. of city, front.	46 30 1 46	**Gp. Occ. R. (3)** period 12ˢ lt. 4.5ˢ, ec. 1.5ˢ " 1.5ˢ, " 1.5ˢ " 1.5ˢ, " 1.5ˢ Cp. 6,000	33	10	White square masonry tower; 24.	Range lights, synchronized. Intensified 4° each side of axis.
1940. 1 *D 1208*	— Rear, La Potence, 419 yards 51° from front.	------	**Gp. Occ. R. (3)** period 12ˢ lt. 4.5ˢ, ec. 1.5ˢ " 1.5ˢ, " 1.5ˢ " 1.5ˢ, " 1.5ˢ Cp. 6,000	93	15	White square masonry tower, frame dwelling; 15.	Obscured N. of 67°.

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LES SABLES D'OLONNE:	N. W					
1950	— Entrance Range, W. side.	46 30 1 48	**2 F. R**			Posts	Range lights 327°.
1960 *D 1200*	— Head of Jetée St. Nicolas. **U.**	46 29 1 48	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 500	51	12	Truncated conical turret; 41.	Obscured N. of 95°.
1970 *D 1204*	— Head of Des Sables Jetty. **U.**	46 29 1 47	**Qk. Fl. W** 60 fl. per min. Cp. 350	36	11	White truncated conical tower; 25.	Obscured 62°–73° by Fort St. Nicolas, and N. of 76° by dunes. **Siren:** 1 blast every 30^s. **Bell:** *occasional.*
1980 *D 1202*	— La Chaume, W. side of entrance.	46 30 1 48	**Gp. Occ. W. (3)** period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s Cp. 5,000	105	16	Square tower; 83	Obscured NE. of 141°. **Radiobeacon.**
1990	*Rochebonne Congrée NW Lighted Whistle Buoy.*	46 14 2 25	**Fl. W** period 1.5^s Cp. 700	26	10	Black buoy, white band, topmark of 2 cones, points up.	**Whistle.**
2000	*Rochebonne East Lighted Buoy.*	46 13 2 21	**Fl. R** period 1.5^s Cp. 140	39	9	Red buoy, lower part white, topmark of two cones, base to base.	
2010	*Rochebonne SE Lighted Buoy.*	46 09 2 21	**Gp. Fl. R. (2)** period 9^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 4.5^s Cp. 140	29	9	Red cylindrical buoy, white band, topmark of 2 cones, points down.	
	PERTUIS BRETON:						
2030 *D 1214*	— Pointe Grouin du Cou, N. side of entrance.	46 21 1 28	**Fl. — W. R. G.** period 5^s fl. 0.5^s, ec. 4.5^s	94	15	Square white tower; 48	R. 34°–61°, W.–117°, G.–138°, W.–34°.
2040	– *L'Aiguillon Bay Lighted Buoy,* 0.8 mile 130° from Aiguillon Point.	46 16 1 11	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 500	19	9	Cylindrical buoy, black and white stripes, black X topmark.	
2050 *D 1212*	— Port du Plomb, head of W. mole.	46 12 1 12	**F. R**	21		Concrete column	
2060 *D 1216*	— **Les Baleineaux** (Haut Banc du Nord). **U.**	46 16 1 35	**Gp. Occ. W. (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 2,000	75	14	Cylindrical tower; 96	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			FRANCE—WEST COAST				
	ÎLE DE RÉ:	N. W.					
2070 *D1218*	— **Les Baleines,** NW. point of island.	46 15 1 34	**Gp. Fl. W. (4)** period 15s fl. 0.4s, ec. 2.1s " 0.4s, " 2.1s " 0.4s, " 2.1s " 0.4s, " 7.1s Cp. 1,000,000	172	19	Octagonal tower, frame of dwelling; 168.	**Radiobeacon.**
2080 *D1220*	— Fier d'Ars Range, front, W. side of entrance.	46 14 1 29	**Occ. W** period 4s lt. 2s, ec. 2s Cp. 3,000	28	9	Iron structure on black hut; 20.	Range lights, synchronized. Intensified 3° each side of axis.
2080. 1 *D1222*	— — Rear, about 260 yards 263° 30′ from front.	------	**Occ. G** period 4s lt. 2s, ec. 2s Cp. 12,500	36	10	Dwelling with white gable; 26.	
2082 *D 1223*	— Ile de Re Range Light, front.	46 13 1 31	**F. R**	------	------	------	Range lights.
2082. 1 *D1224*	— — Rear, 50 yards 232° from front.	------	**F. W**	------	------	------	
2090	— *Le Roche Lighted Buoy,* ENE. edge of bank.	46 15 1 21	Qk. Fl. W 60 fl. per min. Cp. 500	13	8	Black buoy, white band, topmark of 2 cones, points up.	Radar reflector
2100 ***D 1226***	— St. Martin, 109 yards E. of entrance to port. U.	46 12 1 22	**Gp. Occ. (2) — W. R.** period 6s lt. 3s, ec. 1s " 1s, " 1s Cp. W. 1,500 R. 200,	56	W. 12 R. 11	White cylindrical tower; 37.	W. 124°-245°, R.-281°, obscured elsewhere.
2110 ***D 1228***	— — Head of mole U.	46 13 1 22	**Occ. G** period 4s lt. 2s, ec. 2s	25	8	Gray iron framework structure, gray iron hut; 21.	
2120 ***D 1230***	— La Flotte, on head of mole of outer port. U.	46 11 1 15	**Gp. Occ. G. (3)** period 12s lt. 4.5s, ec. 1.5s " 1.5s, " 1.5s " 1.5s, " 1.5s	33	10	White cylindrical turret; 28.	Visible 172°-225°.
2130 ***D 1234***	— Pointe de Sablanceaux, off point. U.	46 10 1 15	**F. Vi**	23	3	------	
2140 ***D 1240***	— Pointe de Chanchardon, on reef off S. side of Île de Ré. U.	46 10 1 28	**Gp. Fl. (2) — W. R.** period 9s fl. 1.5s, ec. 1.5s " 1.5s, " 4.5s Cp. W. 700, R. 140	60	W. 13 R. 9	Red octagonal tower, white band, daymark of 2 cones, points down.	R. 118°-290°, W.-118°.
	PERTUIS D'ANTIOCHE:						
2150	— ***Chaveau Lighted Whistle Buoy,*** on S. side of Plateau de Chauveau.	46 06 1 17	**Gp. Fl. R. (2)** period 9s fl. 1.5s, ec. 1.5s " 1.5s, " 4.5s Cp. 100	26	8	Red buoy, white band, topmark of 2 cones points down.	**Whistle.** Radar reflector.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PERTUIS D'ANTIOCHE:	N. W.					
2160 *D 1238*	— Pointe de Chauveau, on rocks off SE. point of Ile de Ré.	46 08 1 16	**Gp. Occ. (3) — W. R.** period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s " 1^s Cp. W. 15,000 R. 3,000	73	W. 14 R. 14	White cylindrical tower, with black band, top part of tower black; 90.	W. 57°–94°30′ R.–104° W.–342°, R.–57°, partially obsc. NW. of 202°.
2170	— La Pallice: — — S. E. corner of pier. **U.**	46 10 1 14	**F. R.** Cp. 10,000				**Radiobeacon close N.** Range lights
2170. 1	— — Rear, outer breakwater about 525 yards 19°30′ from front. **U.**		**F. R.** Cp.10,000				
2180 *D 1246*	— — Head of S. jetty **U.**	46 10 1 14	**Occ. G.** period 4^s lt. 2^s, ec. 2^s	35	8	White turret; 23	Two F. R. range lights indicate axis of locks. Two F. G. lights in range 106° lead into the outer harbor. Port signals.
2190 *D 1244*	— — Head of N. jetty **U.**		**Gp. Occ. R. (2)** period 4^s lt. 2.5^s, ec. 0.5^s " 0.5^s, " 0.5^s Cp. 300	35	11	White turret; 23	Obscured Northward of 170°. **Nautophone:** 2 blasts every 30^s.
2200 *D 1248*	— Le Lavardin **U.**	46 08 1 15	**Occ.—W. G.** period 6^s lt. 4.5^s, ec. 1.5^s Cp. W. 500, G. 60	43	W. 12 G. 6	Red cylindrical turret, black bands; 65.	G. 160°–169°, W. elsewhere. Obscured by Pointe de Sablanceaux on bearings less than 160°.
2208 *D1253*	— La Rochelle-Laleu AVIATION LIGHT.	46 11 1 11	**Gp. Fl. W (4)** period 7.5^s				Flashes letter "V." *Occasional.*
2210 *D 1250*	— — La Rochelle, SW. of old basin, front	46 09 1 09	**Gp. Occ. W. (2)** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 10,000	46	12	Cylindrical tower, upper part red, lower part red and white bands; 44.	Visible 7° each side of axis. Range lights synchronized.
2210. 1 *D 1252*	— — — Rear, 257 yards 59° from front.		**Gp. Occ. W. (2)** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 3,500	76	14	Octagonal turret, white below, upper part dark green; 74.	Obscured 61°–65°. F. R. and F. G. range lights indicate axis of lock, 87°.
2212 *D1252.5*	— — Richelieu Tower	46 09 1 10	**Gp. Fl. R.(4)** period 12^s fl. 1^s, ec. 1^s " 1^s " 1^s " 1^s " 1^s " 1^s " 5^s Cp. 240	26	10	Red tower, □ topmark; 26.	**Radiobeacon.** **Siren:** 4 blasts ev. **60^s.**

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	FRANCE—WEST COAST						
	PERTUIS D'ANTIOCHE:	N. W.					
2220 *D 1256*	— **Île d'Aix,** SE. point of island.	46 01 1 11	**Fl.—W. R** period 5^{s} fl. 0.3^{s}, ec.4.7^{s} Cp. W. 400,000 R. 80,000	66	13	Two cylindrical white towers, upper part black; one for the light, the other as a screen to make N. limit of red sector more pronounced; 45.	R. 103°–118°. W. elsewhere. On limits of sector the flashes appear successively W. and R.
2230 *D1258*	— Fouras (Port Nord), head of jetty. **U.**	46 00 1 06	**Gp. Occ.** (4)— **W. G.** period 12^{s} lt. 3^{s}, ec. 1^{s} " 3^{s}, " 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s} Cp. W. 1,200, G.150	24	W. 10 G. 9	Red and white lamp-post, iron hut; 20.	W. 127°–84°, G. elsewhere. Passe aux Filles Range Lights between Les Pallas and Ile Madame, shows front F. R. and rear F. W. on a line of 45°. A. F. G. light is shown on a beacon 1 mile WNW. of Fouras Light.
	— Charente River:						
2240 *D 1262*	— — First Range, N. bank, NE. of Fort de la Pointe, front.	45 58 1 04	**F. R.** Cp. 18,000	27	10	White square tower; 23	Intensified 6° each side of axis. Range lights lead from Ile d'Aix to alignment of Port des Barques Range. *Shown only when required.*
2240. 1 *D 1260*	— — — Rear, 660 yards 295° from front.		**F. W** Cp. 80,000	68	13	White square tower; 69	Intensified 4° **each** side of axis.
2250 *D 1264*	— — Second Range, Port des Barques, S. bank, front. **U.**	45 57 1 04	**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 3,750	17	9	White square tower; 13	Intensified 3° either side of axis. Range lights, synchronized.
2250. 1 *D 1266*	— — — Rear, 660 yards 135° from front.		**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 7,500	44	12	White square tower, black band, on west side, upper part black; 33.	Intensified 4½° on either side of axis.
	ÎLE D'OLERON:						
2260 *D 1272*	— Rock d'Antioche, off N. shore of Ile d'Oleron.	46 04 1 24	**Occ. W** period 1.5^{s} lt. 1^{s}, ec. 0.5^{s} Cp. 800	73	13	Black tower, white band, daymark of two black cones, points up.	*Unreliable.*

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ÎLE D'OLERON:	N. W.					
2270 *D 1270*	— **Chaissiron,** NW. point of island.	46 03 1 25	**Fl. W** period 10^{s} fl. 0.3^{s}, ec. 9.7^{s} Cp. 2,500,000	164	19	White cylindrical tower, black bands; 141.	Over d'Oleron, 297°–351°, the character of the light is altered by eclipses. Signal station.
2280 *D 1276*	— La Perotine head of training wall.	45 58 1 14	**Gp. Occ. W. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} “ 1^{s}, “ 1^{s} Cp. 800	26	10	Iron skeleton structure; 21.	Obscured SW. of 150°.
2290 *D 1282*	— Tourelle Juliar (Juliar Rock) NE extremity. **U.**	45 54 1 09	**Occ.—W. G** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. W. 500, G. 60	34	W. 11 G. 6	Red and white beacon; 54.	G. 336°–147°, W.–336°.
2300 *D 1278*	— Château Range, front. **U.**	45 53 1 11	**Qk. Fl. R** Cp. 240	33	10	White turret; 7	Range lights.
2300. 1 *D 1280*	— — Rear, 262 yards 319° from front. **U.**		**Qk. Fl. R** Cp. 240	77	10	White cylindrical tower, red top;	
2310 *D 1284*	— La Cotinière, head of jetty. W. side of Ile d'Oleron. **U.**	45 55 1 20	**F. R** Cp. 240	34	10	White cylindrical turret; 30.	F. W. light exists about 0.14 mile from La Cotinière.
2320 *D 1288*	Pointe de Mus de Loup. S. bank of Seudre River, at entrance. **U.**	45 48 1 09	**Occ. W** period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 750	22	9	White dwelling; 16	Visible 120°–316°.
	GIRONDE RIVER ENTRANCE:						
2330 *D 1290*	— **Pointe de la Coubre,** N. side of entrance.	45 42 1 14	**Gp. Fl. W. (2)** period 10^{s} fl. 0.1^{s}, ec. 2.4^{s} “ 0.1^{s}, “ 7.4^{s} Cp. 1,500,000	210	21	Cylindrical masonry tower, red top; 192	**Radiobeacon.**
D 1292	— — Auxiliary		**F. R.** Cp. 2,000	136	15	Same tower	Visible 43°–110°.
2340	— *Gironde Approach Lighted whistle Buoy “BXa”.*	45 40 1 33	**Gp. Occ. W. (2)** period 9^{s} lt. 4.5^{s}, ec. 1.5^{s} “ 1.5^{s}, “ 1.5^{s}	28	10	Black and white striped buoy marked “BXa”.	**Whistle.** Radar reflector.
2342	— *Lighted Bell Float “BXA”.*		**Gp. Occ. W. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} “ 1^{s}, “ 1^{s} Cp. 500	30	10	Black and white striped pylon with topmark of 2 cones point to point.	**Bell.** Radar reflector.
2350 *D 1300*	— **Cordouan,** on rock in center of entrance.	45 35 1 10	**Gp. Occ. (3) — W. R. G.** period 12^{s} lt. 3.6^{s}, ec. 1.2^{s} “ 1.2^{s}, “ 1.2^{s} “ 3.6^{s}, “ 1.2^{s} Cp. W. 500,000 R. 100,000 G. 60,000	197	20	White truncated conical tower; 207.	W. 14°–116,° G.–178° 30′, W.–267°, R.–14 .

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	FRANCE—WEST COAST						
	— Grande Passe de l'Ouest:	N. W.					
2360 *D 1294*	— —**La Palmyre**, front. U.	45 40 1 08	**F. W** Cp. 100,000	73	14	Iron pylon 52	**Radiobeacon.**
2360. 1 *D 1296*	— — — Rear, 1,530 yards 90° from front. U.		**Occ. W** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 100,000	185	19	Iron pylon	Range lights, Intensified 86°–94°. Forms range 327° with light No. 2440. Intensified 4° each side of axis.
			F. R Cp. 20,000	185	19	Same tower	
2370	— — *Lighted Buoy No. 1*, 7 miles WSW. of Pointe de la Coubre Light.	45 40 1 23	**Occ. G** period 6^{s} lt. 3^{s}, ec. 3^{s}	23	6	Black buoy	N. side of channel marked by buoys showing red lights. S. side of channel marked by buoys showing green lights.
	GIRONDE RIVER						
2380 *D 1312*	— Pointe de Grave	45 34 1 05	**Occ.—W. R. G** period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. W. 25,000, R. 5,000, G. 3,000	85	15	Square white tower; 82	W. 330°–233° 30′, R.–303°, W.–312°, G.–330°. **Radiobeacon.**
2400 *D 1314*	— Port Bloc, head of N. mole.	45 34 1 04	**F. G** Cp. 60	18	6	Black pylon; 13	
2410 *D 1316*	— — Head of S. mole		**Occ. W** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 100	18	8	Red pylon; 13	
2420 *D 1328*	— Le Verdon Sur Mer, head of pier.	45 33 1 02	**F. G** Cp. 15	37	3	Small white tower; 19.	

FRANCE—WEST COAST

No.	Name and location	Position, lat. long. °	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GIRONDE RIVER:	N.W.					
2430 *D 1330*	— Pointe de la Chambrette.	45 33 1 03	**F. G**	25	3	Iron column; 18	
2440 *D 1302*	— **Terre Negre**, N. side of river.	45 39 1 06	**Gp. Occ. (3) — W. R. G.** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. W. 20,000, R. 4,000, G. 2,500	121	W.17 R.16 G.15	Tower, upper part red, lower part white; 77.	R. 304°–326°, W.–331° 30′, G–0°, W.–4° G.–97° W.–104°, R.–116°.
2450 *D1324*	**St. Georges de Didonne** Range, front on Pointe Valliere.	45 36 1 01	**Gp. Occ. W.(2)** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s	118	17	Square gray tower; 95	Intensified 6° each side of axis. Range lights.
2450. 1 *D1326*	— — Rear **Suzac**, 1.49 miles 116° from front.		**F. R**	222	21	Pylon, upper part white; 127.	
	— Royan:						
2460 *D 1304*	— — Head of jetty, SSW. of mole.	45 37 1 02	**Gp. Occ. W. (4)** period 12^s lt. 3^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 3^s, " 1^s Cp. 1,200	34	10	Red column white top; 14 .	Obscured by Pointe du Chay when bearing more than 99°.
2470 *D1306*	— — Head of old mole.	45 37 1 02	**Gp. Occ.—W R. (4).** period 12^s lt. 3^s, ec. 1^s " 3^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s Cp. W. 3000, R. 600	55	11	White pylon, red base; 43.	W. 95°–236°, R.–35°.
2480 *D1332*	— Richard, So. bank of river. U.	45 26 0 56	**F. W** Cp. 100	16	8	Hut; 39	Tide gauge.
2490 *D1334*	— Mortagne la Rive U.	45 28 0 49	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s	18	9	Black pylon; tank; 11	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	FRANCE—WEST COAST						
	GIRONDE RIVER:	N. W.					
2500 *D 1372*	**Hourtin,** between Cap Ferret and Gironde River.	45 08 1 10	**Fl. W** period 5^{s} fl. 0.3^{s}, ec. 4.7^{s} Cp. 400,000	177	19	Square red brick tower; 77.	
2510 *D 1378*	**Cap Ferret,** 20 yards S. E. of old lighthouse.	44 39 1 15	**Fl. R** period 5^{s} fl. 0.2^{s}, ec. 4.8^{s} Cp. 1,200,000	175	19	White tower, upper part brown; 157.	**Radiobeacon.**
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2516 *D1381*	**Biscarrosse** AVIATION LIGHT.	44 22 1 13	**Gp. Fl. Yellow** period 6^{s}	272	----	------	Shows letter "R", visible 50°–130°.
2520 *D 1382*	**Contis,** on Cap de G. de St. Julien.	44 06 1 19	**Gp. Fl. W. (4)** period 25^{s} fl. 0.3^{s}, ec. 3.9^{s} " 0.3^{s}, " 3.9^{s} " 0.3^{s}, " 3.9^{s} " 0.3^{s}, " 12.1^{s} Cp. 400,000	164	18	Cylindrical tower, black and white spiral bands; 125.	
2530 *D 1386*	Cap Breton, S. side of channel.	43 39 1 27	**Gp. Occ. W. (3)** period 12^{s} lt. 4.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 1.5^{s} " 1.5^{s}, " 1.5^{s} Cp. 3,000	24	10	Gray tower; 31	**Horn:** 1 blast every 30^{s}. Auxiliary fog bell, same characteristics.
	ADOUR RIVER:						
2540 *D 1388*	— Signal tower, near S. jetty.	43 32 1 31	**F.—W. R** Cp. W. 1,200, R. 250	55	W. 12 R. 11	White cylindrical tower; 45.	F. G. range lights mark channel between jetties when it is safe to enter or leave. Tide and traffic signals.
2550 *D 1390*	— Des Forges, Quay, S. side of river, front. U.	43 32 1 30	**F. R** Cp. 250	39	11	White iron support on iron hut; 33.	Range lights. Intensified 7° each side of axis.
2550. 1 *D 1392*	— — Rear, about 154 yards 328° from front. U.	------	**F. R** Cp. 3,000	57	13	White iron pylon; 48	
2560 *D 1394*	— Pointe de Blancpignon. U.	43 31 1 30	**F. G** Cp. 150	23	9	White iron column; 19	
2570 *D 1398*	— Blancpignon Range, front. U.	43 31 1 30	**F. G** Cp. 150	56	9	White column; 52	Range lights. Intensified 7° either side of axis.
2570. 1 *D 1400*	— — Rear, 164 yards 345° from front. U.	------	**F. G** Cp. 1,250	77	14	White hut; 5	
2580 *D 1402*	— Forme de Radoub Range, front.	43 30 1 30	**F. G** Cp. 150	31	9	Structure on white hut; 28.	Range lights. Intensified 7° either side of axis.
2580. 1 *D 1404*	— — Rear, 160 yards 205° from front.	------	**F. G** Cp. 1,250	51	12	White pylon; 48	
2590 *D 1406*	— L'Aveugle Bridge, S. side of river. U.	43 30 1 30	**F. G** Cp. 150	23	9	White iron column; 18	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
2600 *D 1410*	**Biarritz,** Pointe St. Martin.	43 30 1 33	**Gp. Fl. W. (2)** period 10^s fl. 0.4^s, ec. 2.1^s " 0.4^s, " 7.1^s Cp. 10,000,000	240	22	Cylindrical white tower: black top; 145	Two F. R. lights maintained by local authorities are shown at entrance to port of Guethary.
	BAIE DE ST. JEAN DE LUZ:						
2610 *D 1414*	— **Pointe St. Barbe,** E. side of entrance to bay, front.	43 24 1 40	**Gp. Occ. R.** (4) period 12^s lt. 3^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 3^s, " 1^s Cp. 12,000	95	15	White hut; 10	Range lights, synchronized. Intensified 4.5° each side of axis.
2610. 1 *D 1416*	— — Rear, 372 yards 101° from front.		**Gp. Occ. R.** (4) period 12^s lt. 3^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 3^s, " 1^s Cp. 12,000	164	19	White square tower upper part black; 33.	
2620 *D 1418*	— Head of E. jetty, Nievelle River Entrance, front.	43 23 1 40	**Gp. Occ. G.** (2) period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 25,000	57	13	White square tower, red stripe; 39.	Range lights, synchronized, intensified 4½° either side of axis.
2620. 1 *D 1420*	— — Rear, 448 yards 151° from front.		**Gp. Occ. G.** (2) period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 25,000	88	15	White square tower, red stripe; 82.	
2622	**— Nivelle River Mouth, front.**	**43 23 1 40**	**F. G.**				**Range lights.**
2622. 1	**— — Rear, 80 yards 166° from front.**		**F. G.**				
2630 *D1422*	— Head of Dique des Crisques.	43 24 1 41	**Qk. Fl. W** 60 fl. per min.	24	14	Lamp post	
2640 *D 1424*	**Le Socoa,** W. side of entrance to bay, front.		**Gp. Occ. (3)— W. R.** period 12^s lt. 4^s, ec. 1^s " 4^s, " 1^s " 1^s, " 1^s Cp. W. 3,500, R. 700	114	W.16 R.13	White square turret, black stripe and green lantern; 35.	R. 264°–282°. W. elsewhere. Range lights, synchronized. Intensified 5° each side of axis.
2640. 1 *D 1426*	— Rear, Bordagain, 1,564 yards 138° from front.		**Gp. Occ. W. (3)** period 12^s lt. 4^s, ec. 1^s " 4^s, " 1^s " 1^s, " 1^s Cp. 30,000	230	21	Iron pylon; 33	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

SPAIN—NORTH COAST

All lights under Spanish control are lighted a quarter of an hour after sunset and extinguished a quarter of an hour before sunrise.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
2650 *D 1452*	**Cabo Higuer**	43 24 1 48	**Gp. Fl. W. (2)** period 60^s fl. 2.5^s, ec. 10^s " 2.5^s, " 45^s	207	21	White masonry tower and lantern; 69.	Visible 72°–340°.
2660	Puerto Fuenterrabia (Refuge Harbor), elbow of N. breakwater.	43 23 1 47	**F. W**	23	4	Green wooden post; 13	
2670	— Head of N. breakwater.		**F. G**	13	4	Wooden post; 11	
2680	— Head of S. breakwater.		**F. W. R**	13	4	Wooden post; 11	R. to seaward, 180° arc.
	PORT PASAJES:						
2690 *D 1456*	— **Cabo La Plata,** W. side of entrance to port.	43 20 1 56	**Occ. W** period 2^s lt. 1^s, ec. 1^s	496	20	White building; 43	Obsc. 250°–285°. 6 F. R. lights mark a radio tower 1.06 miles 254° from light.
2700 *D 1457*	— Arando Grande, on outer end of spit about 520 yards 75° from Pasajes Light.	43 20 1 56	**Gp. Fl. R. (2)** period 5^s fl. 0.3^s, ec. 0.6^s " 0.3^s, " 3.8^s	33	3	White masonry beacon, red lantern; 27	
2710 *D 1458*	— Senocozulua, W. slope of Punta de las Cruces.	43 20 1 56	**Gp. Occ. (2),—** **W. R. G.** period 15^s lt. 9.2^s, ec. 2^s " 1.8^s, " 2^s	180	W. 8 R. 4 G. 3	White tower with cupola on white building; 23.	G. 129° 30′–154° 30′, W.–157°, R.–190°. Bounding the W. sectors, there are two small sectors in which up to 1½ miles the light is but faintly seen.
2720 *D 1462*	— Extremity of Punta de las Cruces.		**F. G**	12	2	Iron post	
2730	— SSE. of Senocozulua Light, front.		**F. W**	239		White masonry truncated pyramid; 14	**Directional lights marking axis of white sector of light (2710).**
2730. 1	— — Rear, 155° 45′ from front.		**F. W**	264		White masonry truncated pyramid; 14	
2740 *D 1460*	— Head of mole N. of Punta de las Cruces.	43 20 1 55	**Occ. G** period 3^s lt. 1.5^s, ec. 1.5^s	37	2	**Cylindrical concrete column; 27.**	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—NORTH COAST						
2750 *D 1468*	PORT PASAJES: — Marador Point, front.	N. W. 43 20 1 55	**Qk. Fl. R** 60 fl. per min.	36	3	Stone building	Range lights, 144°. A F. R. light is shown on Castle Point in line of range.
2750. 1 *D 1470*	— — Rear, Ermita de Santa Ana.	-------	**Occ. R** period 2^{s} lt. 1^{s}, ec. 1^{s}	316	3	Small stone house	
2760 *D 1472*	— Punta Teodoro Arroca, E. side.	-------	**F. W**	50	2	Wooden post; 18	
2770 *D 1474*	— Punta Calparra, W. side.	-------	**F. W**	21	1	Wooden post; 15	
2780 *D 1476*	Punta La Torre, head of pier.	-------	**2 F. W.** (vert.)	24	2	Wooden post; 11	
2782	**— Ancho Front Quay, NE. corner.**	-----	**F. G**	-----	----	-------------------	
2784	**— Ancho Front Quay, NW. corner.**	------	**F. R**	----	----	-------------------	
2790 *D 1488*	SAN SEBASTIAN: — **Mount Igueldo,** W. of entrance.	43 19 2 01	**Gp. Fl. W. (3)** fl. 0.4^{s}, ec. 1.8^{s} " 0.4^{s}, " 6.0^{s} " 0.4^{s}, " 6.0^{s}	434	28	White cylindrical tower on N. side of dwelling; 42.	A F. R. light is shown on W. side entrance to Darsena de la Concha, and a F. G. on E. side. 2 F. W. lights are shown on the left side of the entrance to Puerto de Orio.
2800 *D 1482*	— Santa Clara Island, W. side, inside entrance to port.	43 19 2 00	**Gp. Occ. W. (3)** period 15^{s} lt. 6.7^{s}, ec. 1.6^{s} " 1.7^{s}, " 1.6^{s} " 1.7^{s}, " 1.7^{s}	168	12	White cylindrical tower on N. side of dwelling; 33.	Siren, 3 blasts every 60^{s} (on Mount Urgull).
2810 *D 1484*	— Entrance range, on La Concha Beach, front.	-------	**Fl. R** period 1.5^{s} ▼ fl. 0.5^{s}, ec. 1^{s}	26	8	Iron column;15	Visible 148°–168°. Range lights.
2810. 1 *D 1486*	— — Rear, 30 yards 158° from front.	48 19 2 00	**Occ. R** period 6^{s} lt. 3^{s}, ec. 3^{s}	25	10	Iron column	Visible 155°–161°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—NORTH COAST						
		N. W.					
2820 *D 1492*	**Guetaria,** N. peak of San Anton Island.	43 19 2 12	**Gp. Occ. W.** (3) period 10^{s} lt. 5^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s}	292	15	White octagonal tower, dwelling; 39.	Obscured 331°–61°. A F. R. light is shown from head of W. mole and a F. G. light from head of E. mole.
2830 *D 1494*	**Zumaya,** on Mount Atalaya.	43 18 2 15	**Gp. Occ. W.** (4) period 20^{s} lt. 5.7^{s}, ec. 1.4^{s} " 1.5^{s}, " 1.6^{s} " 1.5^{s}, " 1.4^{s} " 5.7^{s}, " 1.4^{s}	130	16	Gray octagonal tower, white cupola; 39.	A F. G. light is shown from head of breakwater.
2840 *D 1495*	PUERTO DE MORTRICO: — Head of W. mole	43 18 2 23	**F. G**	35	2	Post; 19	
2850 *D 1496*	— Head of E. mole, front.		**F. R**	35	2	Post; 19	Range lights 237°.
2850. 1 *D 1497*	— — Rear, San Miguel Hermitage, NW angle.		**F. R**	211	2	Tower; 49	
2860 *D 1498*	ONDÂRROA: — North breakwater	43 19 2 25	**Gp. Fl. W.** (3) period 8^{s} fl. 0.5^{s}, ec. 1.0^{s}, " 0.5^{s}, " 1.0^{s} " 0.5^{s}, " 4.5^{s}	37	11	Gray truncated tower; 18.	**Siren:** 3 blasts ev. 20^{s}.
2870 *D 1500*	— Head of E. mole		**Gp. Fl. R.** (2) period 6^{s} fl. 0.5^{s}, ec. 1.0^{s} " 0.5^{s}, " 4.0^{s}	31	8	Gray truncated tower; 18.	F. W. lights are shown from heads of N. and S. moles at entrance to inner port.
2880 *D 1502*	LEQUEITIO: — **Punta Santa Catalina,** NW. of entrance to port.	43 23 2 31	**Fl. W** period 4^{s} fl. 0.4^{s}, ec. 3.6^{s}	147	13	White truncated conical masonry tower; 43.	**Nautophone:** 4 blasts ev. 20^{s}.
2890 *D 1504*	— Head of Amandarri breakwater, W. side of entrance.	43 22 2 30	**F. W**	16	8	White metal column; 13	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

SPAIN—NORTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LEQUEITIO:	N. W.					
2900 *D 1506*	— Tinglado mole, head	43 22 2 30	**F. W**	20	6	White metal column; 15	
2910 *D 1508*	— S. mole, head		**F. W**	15	6	White metal post; 12	F. W. lights are shown from the heads of the moles in the harbor.
2920 *D 1501*	Elanchove, N. head of S. breakwater.	43 24 2 40	**F.—W. R.**	24	W. 9 R. 6	Green iron column; 20	W. 0°–315°, R.–0°.
	PORT BERMEO:						
2930 *D 1512*	— Punta Lamiaren, S. side of harbor.	42 25 2 43	**Gp. Occ. (2)—W. R.** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s}	119	W. 9 R. 8	NW. corner of small white dwelling, gray band.	R. 100°–165°, W.–232°, obscured elsewhere.
2940 *D 1514*	— Head of N. jetty		**F. G**	22	2	Wooden post; 15	Part of municipal lighting system.
2950	— Head of S. jetty		**F. R**	22	2	Wooden post; 15	Part of municipal lighting system.
2955 *D 1520*	**Cabo Machichaco**, on extremity.	43 27 2 45	**Fl. W** period 7^{s} fl. 0.3^{s}, ec. 6.7^{s}	395	27	Masonry tower on NW. corner of gray dwelling; 67.	**Radiobeacon.**
	BILBAO:						
2960 *D 1524*	— **Punta Galea**, E. side of entrance to bay.	43 22 3 02	**Gp. Fl. W. (3)** period 8^{s} fl. 0.2^{s}, ec. 1.5^{s} " 0.2^{s}, " 1.5^{s} " 0.2^{s}, " 4.4^{s}	269	21	Stone tower and dwelling, red and white cupola; 28.	Visible 11°–227°. **Siren:** 3 blasts every 40^{s}.
2970 *D 1526*	— Head of E. breakwater.	43 21 3 02	**Gp. Fl. (2)—W. R.** period 6^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 4^{s}	60	10	White masonry tower 50	Visible 312°–192°.
2980 *D 1528*	— Near root of E. breakwater.	43 20 3 01	**Fl.—W. R.** period 1.3^{s} fl. 0.3^{s}, ec. 1.0^{s}	73	14	White tower on house, red roof; 67	W. 119°–135°, R.– 150°, obscured elsewhere.
2990 *D 1530*	— Head of W. breakwater.	43 21 3 02	**Fl. G** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	60	10	White concrete tower 49	**Siren:** 4 blasts every 60^{s}.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			SPAIN—NORTH COAST				
3000 *D 1532*	BILBAO: — Portugalete head of Churruca Mole.	N. W. 43 20 3 02	**Gp. Fl. G. (3)** period 8^{s} fl. 0.7^{s}, ec. 0.7^{s} " 0.7^{s}, " 0.7^{s} " 0.7^{s}, " 4.5^{s}	41	2	Iron framework structure on hut; 24.	
3010	— La Mojijonera, head of jetty.	43 19 3 01	**Gp. Fl. R. (4)** period 12^{s} fl. 1^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 5^{s}	35	2	Iron tripod surmounted by gray framework structure; 26.	
3020	— Muele de la Benedicta.	43 19 3 01	**Fl.—R. G.** period 4^{s} fl. 1^{s}, ec. 3^{s}	35	2	Iron tripod surmounted by gray framework structure; 26.	G. over Ria Nervion, R. over Darsena de Galdames.
3030	— Sestao Range, front		**Occ. W.** period 2^{s} lt. 1^{s}, ec. 1^{s}	79	5	Iron tripod surmounted by gray framework hut, ◇ topmark; 26.	Range lights.
3030. 1	— — Rear, about 0.1 mile 144° 30′ from front.		**Occ. W.** period 4^{s} lt. 3^{s}, ec. 1^{s}	94	5	Iron tripod surmounted by gray framework hut, ◇ topmark; 36.	
3040	— Darsena de Axpe, head of mole.	43 19 2 59	**Gp. Fl. (2)—R. G.** period 6^{s} fl. 0.7^{s}, ec. 0.7^{s} " 0.7^{s}, " 3.9^{s}	38	2	Iron tripod surmounted by gray framework hut; 35.	R. over Ria Nervion, G. over Darsena de Axpe.
3041	**— Morro del Fraile Light.**	**43 18 2 59**	**F. R.**		**1**	**Black lamp-post; 15.**	
3050 *D 1534*	CASTRO URDIALES: — Santa Ana Castle, on SE. tower.	43 23 3 13	**Gp. Fl. W. (4)** period 15^{s} fl. 0.3^{s}, ec. 2.3^{s} " 0.3^{s}, " 2.3^{s} " 0.3^{s}, " 2.3^{s} " 0.3^{s}, " 6.9^{s}	153	18	White conical tower; 52.	
3060 *D 1536*	— Head of N. breakwater. **U.**		**Fl. G.** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	40	7	Octagonal tower; 23.	
3070 *D 1538*	— Head of S. breakwater. **U.**		**Gp. Fl. R. (2)** period 6^{s} fl. 0.3^{s}, ec. 0.4^{s} " 0.3^{s}, " 5.0^{s}	27	6	Red iron structure	Entrance to fishing harbor is marked by an unwatched F. G. light on the N. mole and an unwatched F. R. light on the S. mole.
3072	PUERTO DE LAREDO: **— Head of N. Breakwater.**	**43 25 3 25**	**F. R.**	**27**	**2**	**Rectangular concrete tower; 12.**	
3074	**— — Head of S. Breakwater.**		**F. G.**	**30**	**2**	**Cylindrical concrete tower; 21.**	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	RIA DE SANTOÑA:	N. W.					
3080 *D 1542*	— **Punta Pescador,** NE. point of Mount Santona.	43 28 3 26	**Gp. Fl. W. (4)** period 15^s fl. 0.8^s, ec. 1.4^s " 0.8^s, " 1.4^s " 0.8^s, " 4.5^s " 0.8^s, " 4.5^s	123	17	Conical masonry tower, 43.	
3090 *D 1544*	— Punta del Caballo, E. side of headland. U.	43 27 3 26	**Gp. Occ. W. (4)** period 14^s lt. 5^s, ec. 1.5^s " 1^s, " 1.5^s " 1^s, " 1.5^s " 1^s, " 1.5^s	79	14	Blue conical tower; 20	Visible 169° 30′–359°.
3100 *D 1546*	— SW. corner of passenger mole, front.		**Fl. W** period 2^s fl. 0.5^s, ec. 1.5^s	18	9	Pyramidal iron tower, △ daymark; 16.	Range lights. Visible 281° 30′–289° 30′.
3100. 1 *D 1548*	— — Rear, on bridge, 1,530 yards 285° 30′ from front.		**Gp. Occ. W. (2)** period 5^s lt. 2.3^s, ec. 1^s " 0.7^s, " 1^s	41	11	Pyramidal iron tower, circular daymark; 39.	
3110	— Santoña Basin, SW. side of town.		**F. R., and F. G**	21	4		The G. light is shown on E. side and the R. light on W. side of entrance.
3120 *D 1552*	**Cabo Ajo**	43 31 3 35	**Gp. Occ. W. (3)** period 12^s lt. 4^s, ec. 2^s " 1^s, " 2^s " 1^s, " 2^s	229	17	Gray cylindrical masonry tower in front of house, red roof; 26.	
	SANTANDER:						
3130 *D 1554*	— Mouro Island, in entrance. U.	43 28 3 45	**Gp. Fl. W. (3)** period 15^s fl. 0.5^s, ec. 1.1^s " 0.5^s, " 6.2^s " 0.5^s, " 6.2^s	122	10	White conical tower on center of dwelling; 60.	
3140 *D 1556*	— La Cerda, on Punta Puerto, W. side of entrance, 110 yards NE. of Cerda Fort. U.	43 28 3 46	**Gp. Fl. W. (5)** period 13.5^s fl. 0.5^s, ec. 1^s " 0.5^s, " 1^s " 0.5^s, " 1^s " 0.5^s, " 4^s " 0.5^s, " 4^s	72	11	White square tower; 36	Obscured W. of 160°.
3150 *D1558*	— Peña Horadada, N. side of channel. U.	43 28 3 46	**Fl. G** period 7.5^s fl. 2^s, ec. 5.5^s	19	9	White iron column, No. "1" on sides; 16.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—NORTH COAST						
	SANTANDER:	N. W.					
3160	— Molnedo Basin, head of E. mole.	43 28 3 47	**F. G**	19	3	Iron column; 10	Visible over the channel and about 1 mile E. and W. of the entrance to basin.
3170	— — Head of W. mole		**F. R**	19	2	Iron column; 10	
3171 *D1559*	— Santander Range, front, corner of Sanitation Office.	43 27 3 49	**Occ. W** period 3^{s} lt. 1.5^{s}, ec. 1.5^{s}	33	12	Iron post; 29	Visible over 143° of channel Range lights.
3171. 1 *D1559.1*	— — Rear, about 140 yards 259° 15′ from front.		**Occ. R** period 4^{s} lt. 3^{s}, ec. 1^{s}	51	12	Iron post; 48	Visible 253°–265°
3172	— Muelle de Maliano, SE. corner.		**F. G**	19	2	Iron post; 20	
3173	— Head of S. breakwater, in Darsena Maliano.		**F. R**	19	2	Iron post; 20	
3180	— Comba, E. side of Martires Anchorage.	43 27 3 48	**Gp. Fl. R. (2)** period 12^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 9.5^{s}	40	4	Red skeleton structure, truncated cone topmark, supporting skeleton mast, red hexagonal concrete base.	
3190 *D 1560*	— **Cabo Mayor,** 1.8 miles W. of entrance.	43 29 3 47	**Gp. Fl. W. (2)** period 10^{s} fl. 0.3^{s}, ec. 2. 2^{s} " 0.3^{s}, " 7. 2^{s}	282	24	White tower, upper part cylindrical, lower part octagonal; 98.	**Nautophone:** 2 blasts ev. 60^{s}.
3200 *D 1564*	**Saunces (San Martin de la Arena),** on Punta Torco de Afuera.	43 27 4 03	**Gp. Occ. W. (2)** period 10^{s} lt. 5.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 1.5^{s}	109	16	White conical tower, dwelling; 30.	Obscured 91°–113°. Characterized by 2 occultations, rather than by period, which may vary.
3210	Ria de Suances Range, on E. breakwater, front.	43 26 4 02	**Qk. Fl. W** 60 fl. per min.	27	6	White conical concrete tower; 16.	Range lights.
3210. 1	— Rear, on Punta Marzan about 220 yards, 146° from front.		**Occ. W** period 4^{s} lt. 2^{s}, ec. 2^{s}	40	6	White conical concrete tower, masonry base.	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	COMILLAS:	N. W.					
3220 *D 1566*	— Outer Range, front	43 23 4 17	**F. R**	112	4	White conical structure	Range lights.
3220. 1 *D 1568*	— — Rear, 34 yards 194° from front light.		**F. R**	127	4	White conical structure	
3230 *D 1570*	— Inner Range, front		**F. R**	48	2		Range lights. Obscured S. of 231°.
3230. 1 *D 1572*	— — Rear, 34 yards 245° from front.		**F. R**	58	2		
3240 *D 1574*	— Head of breakwater		**F. G**	20	2	Wooden post; 12	
3250 *D 1578*	**San Vincete de la Barquera,** on Punta la Silla.	43 24 4 24	**Occ. W** period 5ˢ lt. 3.6ˢ, ec. 1.4ˢ	107	16	Masonry tower, dwelling; 30.	Visible 115°–250°.
3260 *D 1576*	— Peña Mayor	43 23 4 23	**F. W**	34	6	Gray square concrete column; 10.	
3270 *D 1580*	**Punta San Emeterio,** about 1.5 miles W. of Tina Mayor.	43 24 4 32	**Fl. W** period 5ˢ fl. 0.2ˢ, ec. 4.8ˢ	219	21	Conical tower, white on N. face; 33.	
3280 *D 1582*	**Llanes,** Punta San Antón, near extremity.	43 25 4 45	**Gp. Occ. W. (4)** period 15ˢ lt. 5.3ˢ, ec. 1.9ˢ " 0.7ˢ, " 1.9ˢ " 0.7ˢ, " 1.9ˢ " 0.7ˢ, " 1.9ˢ	53	12	White octagonal tower, house; 26.	
	RIBADESELLA:						
3290 *D 1586*	— On Mount Somos, W. side of entrance.	43 28 5 05	**Gp. Fl. W. (3)** period 12ˢ fl. 0.4ˢ, ec. 1.2ˢ " 0.4ˢ, " 4.8ˢ " 0.4ˢ, " 4.8ˢ	371	26	Rectangular tower on dwelling; 26.	
3300 *D 1588*	— Head of mole U.	43 28 5 04	**Fl. R** period 7.5ˢ fl. 2ˢ, ec. 5.5ˢ	33	7	White tower, black bands; 16.	Visible 278°–213°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			SPAIN—NORTH COAST				
		N. W.					
3320 *D 1592*	**Tazones,** Ria de Villaciosa.	43 33 5 24	**Gp. Occ. W. (3)** period 15^{s} lt. 7^{s}, ec. 2^{s} " 1^{s}, " 2^{s} " 1^{s}, " 2^{s}	412	20	Gray square tower, yellow dwelling; 36.	**Nautophone** (about 175 yards N.); 4 blasts every 30^{s}. A F. R. light marks end of dike under construction.
	GIJON BAY:						
3330 *D1600*	— Lequerka Mole-head, front.	43 33 5 40	**Gp. Fl. R. (2)** period 6^{s} fl. 0.4^{s}, ec. 0.4^{s} " 0.4^{s}, " 4.8^{s}	24	6	Gray metal column; 17	Range lights. Visible 90° each side of axis.
3330. 1 *D1602*	— — Rear, Malecon de Fomento, about 0.12 mile 160° from front.		**Alt.—R. W.** period 10^{s} R. 7.5^{s}, W. 2.5^{s}	38	R. 5 W. 6	Metal tower; 37	
3340 *D 1604*	— Head of Fomento Mole.	43 32 5 40	**Occ. G** period 4^{s} lt. 3^{s}, ec. 1^{s}	21	3	Dark gray iron column, wooden hut; 13.	
3350 *D 1598*	— Serrapio de Tierra (Sacramento) off E. end. U.	43 33 5 40	**Fl. G** period 1.3^{s} fl. 0.3^{s}, ec. 1^{s}	24	4	Octagonal concrete tower.	
3360 *D 1610*	— Musel Harbor, W. side of bay, head of Rivera Mole. U.	43 34 5 42	**F. R**	21	3	White concrete tower	
3370 *D 1608*	— — Head of N. breakwater.	43 34 5 41	**Fl.— W. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	54	W. 12	Cylindrical concrete tower, black and white supports.	G. 329°–149°, W. elsewhere. Three lights; F. W., F. G., F. R., are exhibited about ¼ mile southwestward.
3380 *D 1606*	— — SE. corner of Muelle de Transatlanticos.		**Gp. Fl. R. (2)** period 12^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 9.5^{s}	21	2	White concrete tower; 11.	
3390 *D 1612*	**Cabo Torres,** E. side of Cape.	43 34 5 42	**Gp. Fl. W. (2)** period 10^{s} fl. 0.2^{s}, ec. 2.3^{s} " 0.2^{s}, " 7.3^{s}	264	23	White octagonal tower on square dwelling; 40.	**Siren:** 3 blasts every 30^{s}.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			SPAIN—NORTH COAST				
3400 *D 1614*	CANDÁS: — **Cabo San Antonio**	N. W. 43 36 5 46	**Occ. W.** or **Gp. Occ. W.**, *see remarks.*	127	16	Red tower with white cupola behind gray dwelling; 41.	The light shows as follows: (a) Entrance safe: lt. 6^{s}, ec. 1^{s}, lt. 1^{s}, ec. 1^{s}, lt. 6^{s}, ec. 1^{s}. (b) Precaution: lt. 5^{s}, ec. 1^{s}, lt. 1^{s}, ec. 1^{s}, lt. 1^{s}, ec. 1^{s}, lt. 5^{s}, ec. 1^{s}. (c) Danger: lt. 1^{s}, ec. 1^{s}. **Nautophone**: 4 blasts every 60^{s}.
3410 *D 1616*	— Range, on slope of Punta Cuerno, front.		**F. R**	78	3	White column; 13	Range lights.
3410. 1 *D 1618*	— — Rear, about 1,000 yards from front.	43 36 5 46	**F. R**	206	3	Window of house; 13	
3420 *D 1626*	LUANCO: — Head of Punta del Gallo Breakwater.	43 37 5 46	**F. W**	34	11	Gray square iron column; 19.	
3430 *D 1622*	— Entrance range, head of mole, front.	43 37 5 47	**F. R**	16	4	Lamp fixture on wall; 6.	Range lights.
3430. 1 *D 1624*	— — Rear, 262 yards 255° from front light.		**F. R**	29	4	Black mast; 23	
3440 *D 1628*	**Cabo Peñas**	43 39 5 51	**Gp. Fl. W. (3)** period 15^{s} fl. 0.4^{s}, ec. 2.1^{s} " 0.4^{s}, " 2.1^{s} " 0.4^{s}, " 9.6^{s}	381	26	Gray octagonal tower, with building; 60.	**Siren**: 4 blasts every 60^{s}.
3450 *D1630*	**Avilés, Punta Castillo, N. side of entrance.**	43 36 5 57	**Occ.—W. R** period 5^{s} lt. 3.5^{s}, ec. 1.5^{s}	127	17	Gray and white octagonal tower; 46.	R. 91°30′–113°. R. lights mark N. bank; W. and G. the S. bank of Ria Aviles. **Siren** (about 0.098 miles 331°30′ from light): 2 blasts ev. 30^{s}. Signal station.
3455	— Curva de Pachico		**Gp. Fl. R (2)** period 5^{s} fl. 0.5^{s}, ec. 1^{s} fl. 0.5^{s}, ec. 3^{s}	15	2	Red metal tripod	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—NORTH COAST						
3460 *D 1634*	SAN ESTEBAN DE PRAVIA: — Head of entrance mole. U.	N. W. 43 34 6 05	Fl. W period 3^s fl. 0.5^s, ec. 2.5^s	47	12	Red square iron tower; 35.	**Siren:** 2 blasts every 30^s. Irregular during storms.
3470 *D 1633*	— Ria de Pravia, head of breakwater.	43 34 6 05	Fl. G period 1.5^s fl. 0.5^s, ec. 1^s	25	2	Black pyramidal lantern; 6.	
3480 *D 1639*	— Off San Juan de la Arena, front.	43 33 6 05	F. R	22	3	Concrete pillar; 13	Range lights.
3480. 1 *D 1639.1*	— — Rear, about 182° from front.		F. R	35	3	Concrete pillar; 26	
3490	— Head of training wall, W. side of entrance.		Fl. G period 3^s lt. 0.5^s, ec. 2.5^s	9	3	Wooden post; 13	Seven F. G. lights mark the training wall on W. side of channel. A F. W. light on the pier in Puerto Chico is in range with a Fl. G. light about 275 yards 6° from the semaphore tower.
3500 *D 1638*	— Basin entrance on fortification.		F. G	18	6	Gray pyramidal structure; 10.	
3510 *D 1636*	— Basin entrance, at head of dividing wall.		F. R	18	6	Gray pyramidal structure; 10.	
3520 *D 1640*	Cudillero, on Punta Robollera.	43 34 6 09	Gp. Occ. W. (4) period 15^s lt. 5.3^s, ec. 1.9^s " 0.7^s, " 1.9^s " 0.7^s, " 1.9^s " 0.7^s, " 1.9^s	90	15	White octangular tower on dwelling; 14.	**Siren:** 3 blasts every 30^s. The heads of E. and W. breakwaters are marked by F. R. and F. G. lights.
3530 *D 1641*	**Cabo Vidio**	43 36 6 15	Fl. W period 5^s fl. 0.3^s, ec. 4.7^s	321	25	Cylindrical masonry tower attached to house; 31.	**Siren:** 4 blasts every 60^s.
3540 *D 1642*	**Cabo Busto,** near extremity.	43 34 6 28	Gp. Fl. W. (4) period 20^s fl. 0.3^s, ec. 3.0^s " 0.4^s, " 3.0^s " 0.3^s, " 3.0^s " 0.4^s, " 9.6^s	244	22	White square tower on dwelling; 33.	Also serves as an aviation light.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Viaibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

SPAIN—NORTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Viaibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LUARCA:	N. W.					
3550 *D 1646*	— On Punta La Blanca	43 33 6 32	**Gp. Occ. W. (3)** period 15^{s} lt. 7^{s}, ec. 2^{s} " 1^{s}, " 2^{s} " 1^{s}, " 2^{s}	172	19	White square tower; 30	**Siren:** 4 blasts every 30^{s}. A F. W. light is shown near head of W. breakwater (under construction).
3560 *D 1948*	— Head of E. breakwater.		**Gp. Fl. R. (2)** period 6^{s} fl. 0.3^{s}, ec. 0.4^{s} " 0.3^{s}, " 5.0^{s}	44	4	Red pyramidal tower; 20.	
3570 *D 1650*	— N. side of entrance to Negro River, front.	43 33 6 32	**F. G**	43	2	Concrete column, white and red bands; 33.	Range lights.
3570. 1 *D 1652*	— — Rear 50 yards 170° from front.		**F. G**	69	2	Concrete column, white and red bands; 13.	
	PUERTO VEGA:						
3580 *D 1656*	— On Punta Lana, E. of entrance.	43 34 6 39	**F. W**	42	6	Gray iron column; 23	
3590	— Head of W. mole		**F. G**	42	6	Gray iron column; 35	
3600 *D 1657*	Ria de Navia extremity of Cabo San Agustin.	43 34 6 44	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	218	12	Truncated masonry tower; 18.	
3610 *D 1658*	**Tapia Island,** summit	43 34 6 57	**Gp. Fl. W. (3)** period 19^{s} fl. 1^{s}, ec. 2^{s} " 1^{s}, " 7^{s} " 1^{s}, " 7^{s}	73	14	White granite tower, dwelling; 26.	
3620	Port Tapia, head of N. mole.	43 34 6 57	**Gp. Fl. R. (2)** period 6^{s} fl. 0.6^{s}, ec. 0.8^{s} " 0.6^{s}, " 4.0^{s}	28	5	Skeleton structure	
3630	— Head of S. mole	43 34 6 57	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	28	4	Gray skeleton structure; 20.	
	RIA DE RIBADEO:						
3640 *D 1660*	— Pancha Island, W. side of entrance.	43 33 7 02	**Gp. Occ. W. (2)** 2 eclipses, period 5^{s} lt. 0.5^{s}, ec. 1^{s}. " 2.5^{s}, " 1^{s}	72	13	White square tower on dwelling; 30.	

SPAIN—NORTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	RIA DE RIBADEO:	N. W.					
3650 *D 1664*	— Point Aerojo Range, front.	43 33 7 02	**Qk. Fl. W** 80 fl. per min.	61	6	White iron framework tower on hut; 21.	Range lights.
3650. 1 *D 1666*	— — Rear, 0.13 miles 140° from front.		**Qk. Fl. W** 80 fl. per min.	80	6	White iron framework tower on hut; 21.	
3660 *D 1668*	— Garcia Mole Range front.	43 32 7 02	**Qk. Fl. W** 70 fl. per min.	27	4	Iron framework tower on hut; 23.	Range lights.
3660. 1 *D 1670*	— — Rear, 158 yards 203° from front.		**Qk. Fl. W** 70 fl. per min.	93	4	Iron framework tower on hut; 46.	
3670 *D 1674*	Ria de Foz, on La Rapadoira Shoal, at entrance.	43 34 7 15	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	34	6	White conical tower; 39	
3680 *D 1675*	Puerto de Burela, head of breakwater.	43 40 7 21	**Fl.,—W. R. G.** period 3^s fl. 0.3^s, ec. 2.7^s	31	6	Iron skeleton structure; 23.	R. 135°–240°, W.–270°, G.–0°.
3690 *D 1676*	San Ciprián, on Punta Atalaya.	43 42 7 27	**Gp. Occ. W. (5)** period 15^s lt. 3.5^s, ec. 1^s " 1.0^s, " 1^s " 1.0^s, " 1^s " 3.5^s, " 1^s " 1.0^s, " 1^s	120	12	Gray conical granite tower; 29.	
3700 *D 1678*	San Ciprián Bay, front	43 42 7 27	**Qk. Fl. R** 150 fl. per min.	33	5	Gray tower, gallery; 25.	Range lights.
3700. 1 *D 1680*	— Rear, 490 yards 193° from front.		**Qk. Fl. W** 60 fl. per min.	77	5	Gray tower, gallery; 25.	
	RIA DEL BARQUERO:						
3710 *D 1684*	— Coelleira (Conejera) Island, summit, entrance to Barquero	43 46 7 38	**Gp. Fl. W. (2)** period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s	287	10	Gray conical tower; 24	
3720 *D 1685.2*	— Punta de Barra	43 44 7 41	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	50	6	White conical tower; 30	
3730 *D 1685*	— Punta de Castro	43 45 7 40	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	48	3	White conical tower; 30	Visible 0°–180°

SPAIN—NORTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
3740 *D 1686*	**Punta Estaca de Bares,** near extremity.	43 47 7 41	**F. Fl. W.** period 10^s F. 8.6^s, fl. 1.4^s	325	F.16 Fl.25	Octagonal tower, dwelling; 33.	Obscured S. of 291°.
3745 *D1687*	Punta Candelaria	43 43 8 03	**Gp. Fl. W.(4)** period 24^s fl. 0.4^s, ec. 3.6^s " 0.4^s " 3.6^s " 0.4^s " 7.6^s " 0.4^s " 7.6^s	290	22	Octagonal tower on dwelling; 31.	
3750 *D1688*	Cedeira, on extremity of Robaleira Promontory, SW. of town.	43 39 8 04	**Gp. Occ. W. (4)** period 16^s lt. 3^s, ec. 2^s " 3^s, " 2^s " 1^s, " 2^s " 1^s, " 2^s	80	14	White hexagonal tower; 23.	
3760 *D 1692*	**Cabo Prior,** N. side of cape.	43 34 8 19	**Gp. Fl. W. (3)** period 20^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 8.2^s " 0.3^s, " 8.2^s	352	25	White hexagonal tower on square dwelling; 23.	
3770 *D 1696*	RIA EL FERROL: — Ria el Cabo Prioriño Chico N. side of entrance to harbor.	43 28 8 20	**Gp. Fl. W. (3)** period 9^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 2.0^s, " 2^s	114	14	White octagonal tower; on square dwelling: 16.	Obscured to the N. of Cape Priorino Grande.
3780	— *La Muela del Segano Rock Lighted Buoy,* off Punta del Segano, S. side of entrance.		**Fl. G** period 4^s fl. 0.4^s, ec. 3.6^s	9	6	Black conical buoy with top mark, "1" in white.	Several lighted buoys, mark the channel. Radar reflector
3790 *D 1698*	— Near Palma Castle, S. side of narrows.	43 28 8 16	**Gp. Occ. W. (3)** period 7^s lt. 1.8^s, ec. 1^s " 1.8^s, " 1^s " 0.4^s, " 1^s	32	9	Conical granite tower on dwelling; 23.	
3800	— Curuxeiras Mole **U.**	43 29 8 15	**Gp. Fl. R. (2)** period 5^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 3.4^s	8	2	Gray iron column, hut; 20.	
3820	— La Graña, N. and S. heads of petroleum pier.		**2 F. R**	27	2	Posts	F.W. lights mark heads of coaling wharves.

SPAIN—NORTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
3830 *D 1702*	Pulquciro Islet	43 22 8 15	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s		2		
	CORUÑA:						
3840 *D 1704*	— **Hercules Tower,** N. side of peninsula, W. side of entrance to bay.	43 23 8 24	**Gp. Fl. W. (4)** period 20^s fl. 0.2^s, ec. 3.1^s " 0.2^s, " 3.1^s " 0.2^s, " 3.1^s " 0.3^s, " 9.8^s	344	25	Dark masonry tower, lower part square, upper part octagonal; 161.	
3850 *D 1706*	— Punta Mera, E. side of bay, front.	43 23 8 21	**F. R**	179	10	White octagonal tower; 36.	Visible 26° 51′–146° 51′. Range lights.
3850. 1 *D 1708*	— — Rear, 300 yards 107° 20′ from front.		**Gp. Occ. W. (2)** period 10^s lt. 6.3^s, ec. 1.2^s " 1.3^s, " 1.2^s	262	10	White octagonal tower; 45.	Visible 357°–177°.
3858	— Pta. Fiaiteira Range, front.	43 21 8 22	**Qk. Fl.—W. R. G.** 60 fl. per. min.		W. 5 R. 4 G. 4	Tower	W. 180°–184°. R. to eastward, G. to westward. Range lights.
3858. 1	— — Rear, about 0.2 mile 182° from front.		**Occ. R** period 4^s lt. 2^s, ec. 2^s		4	Tower	
3860 *D1710*	— Punta Oza, Coruna Inlet.	43 21 8 23	**F.—R. G**	47	1	One-story white masonry dwelling, flat roof and tower; 23.	R. land–190°, G.–282°, obsc. elsewhere.
3870 *D 1716*	— San Antón Castle, on Island of San Antón. **U.**	43 22 8 23	**Gp. Fl. G. (2)** period 6^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 4.4^s	50	8	Green hexagonal tower; 20.	Obscured in the interior of bay by castle.
3880 *D 1724*	— Head of E. mole		**F. R**	25	4	Mast, wooden house, black and white bands.	2 F. G. lights mark the outer end of Meulle de Transatlanticos.
3890 *D 1718*	— Parrote Spur, E. side of entrance to Marina Basin.	43 22 8 24	**F. G**	28	2	Mast; 20	
3900 *D 1720*	— W. mole, W. side of entrance to Marina Basin.		**F. R**	28	2	Mast; 20	
3910 *D 1728*	**Sisargas Island,** summit of largest island.	43 22 8 51	**Gp. Fl. W. (3)** period 15^s fl. 0.6^s, ec. 2.4^s " 0.6^s, " 2.4^s " 0.6^s, " 8.4^s	357	26	Octagonal granite tower with grayish white cupola on white dwelling; 36.	**Siren:** blast 2^s, silent 13^s.

SPAIN—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CORME BAY:	N. W.					
3920 *D 1730*	— Punta del Roncudo, N. side of bay. **U.**	43 16 8 59	**Fl. R.** period 2.5^{s} fl. 0.5^{s}, ec. 2^{s}	120	8	White truncated conical tower; 36.	
3930 *D 1732*	— Punta Lage, S. side of bay.	43 14 9 01	**Gp. Fl. W. (5)** period 13.5^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 1^{s} " 0.5^{s}, " 1^{s} " 0.5^{s}, " 4^{s} " 0.5^{s}, " 4^{s}	212	14	White truncated conical tower; 36.	
3940 *D 1736*	**Cabo Villano**, near extremity.	43 10 9 13	**Gp. Fl. W. (2)** period 15^{s} fl. 0.5^{s}, ec. 3.5^{s} " 0.5^{s}, " 10.5^{s}	336	25	Grayish yellow octagonal tower, white cupola; 82.	Visible 31° 30′–228°30′. **Radiobeacon.**
3944 *D 1737*	Camarinas, head of mole.	43 08 9 11	**Fl. R.** period 1.8^{s}	29	1	Concrete column; 21	*Provisional*
3950 *D 1738*	Punta de la Barca	43 07 9 13	**Gp. Fl. W. (4)** period 10^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 1.0^{s} " 0.3^{s}, " 3.4^{s} " 0.3^{s}, " 3.4^{s}	36	7	Gray truncated conical tower; 36.	
3960 *D 1740*	**Cabo Toriñana,** extremity.	43 03 9 18	**Gp. Occ. W. (3)** period 15^{s} lt. 5.5^{s}, ec. 1^{s} " 1.0^{s}, " 1^{s} " 5.5^{s}, " 1^{s}	186	20	Octagonal tower, white rectangular dwelling; 29.	Visible 6°–227° where not obscured by land.
3970 *D 1742*	**Cabo Finisterre,** S. extremity.	42 53 9 16	**Fl. W.** period 5^{s} fl. 0.3^{s}, ec. 4.7^{s}	465	29	Octagonal granite tower, dwelling; 56.	Not visible E. of 149°. **Siren**: 2 blasts every 60^{s}. **Radiobeacon.**

SPAIN—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
3980 *D 1760*	CORCUBIÓN BAY: — Cabo Cee, W. side of entrance to bay.	42 55 9 11	**Gp. Fl. W. (3)** period 6^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 3.1^s	83	7	Octagonal masonry tower, dwelling; 26.	
3990 *D 1762*	— Head of pier	42 57 9 11	**Gp. Fl. R. (3)** period 10^s fl. 0.5^s, ec. 1.0^s " 0.5^s, " 1.0^s " 0.5^s, " 6.5^s	32	4	Square gray metal tower; 25.	
4000 *D 1758*	— Carrumeiro Chico Shoal, off mouth of Corcubión Inlet. **U.**	42 54 9 11	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	21	6	Truncated conical masonry tower.	
4010 *D 1756*	— Lobeira Grande Island, center of island. **U.**	42 53 9 11	**Gp. Fl. W. (2)** period 15^s fl. 0.5^s, ec. 3^s " 1.5^s, " 10^s	53	11	Red octagonal tower, white cupola, white dwelling; 33.	
4020 *D 1782*	**Punta Insúa,** N. of entrance to Muros Bay.	42 46 9 08	**F.—W. R., Gp. Occ. (3)—W. R.** period 20^s lt. 1.8^s, ec. 1.6^s " 6.7^s, " 1.6^s " 6.7^s, " 1.6^s	84	W.15 R.15	Tower, polygonal base; 46.	F. R. 308°–12°30′, Gp. Occ. R.–44°30′, Gp. Occ. W.–93°, F. W.–172°30′ (obscured N. of Remedios Point 145°–172°30′.
4030 *D 1784*	MUROS BAY: — Punta Queixal, N. side of entrance.	42 44 9 05	**Gp. Fl. W. (3)** period 12^s fl. 0.4^s, ec. 1^s " 0.4^s, " 4.9^s " 0.4^s, " 4.9^s	84	12	Hexagonal granite tower, white octagonal lantern and dwelling; 23.	Obscured 81°–180°.
4040 *D 1786*	— Cabo Reburdiño **U.**	42 46 9 03	**Gp. Fl. R. (2)** period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s	54	9	White cylindrical iron tower; 26.	Visible 168°–19°.
4050 *D 1790*	— Muros, N. side of entrance to basin.	42 47 9 03	**F. G**	22	-----	Green iron column; 16	
4060 *D 1788*	— — S. side of entrance to basin.	-------	**F. R**	22	-----	Green iron column; 16	
4070 *D1794*	**Cabo Corrubedo,** extremity.	42 35 9 05	**Gp. Fl. R. (5)** period 20^s fl. 0.4^s, ec. 2^s " 0.4^s, " 2^s " 0.4^s, " 6^s " 0.4^s, " 2^s " 0.4^s, " 6^s	101	16	Gray lantern on gray tower.	From 89°–269° shows 5 flashes; elsewhere shows 3 flashes. Obscured by the land when bearing less than 325°.

SPAIN—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
4080 *D1792*	Corrubedo, head of mole.	42 34 9 04	**Occ.—W. R. G.** period 4^s lt. 2^s, ec. 2^s	- - -	W. 6 R. 5 G. 4	Cylindrical masonry tower; 18.	W. 352°–360°, R.–16°, G. elsewhere.
	AROSA BAY:						
4090 *D 1796*	— **Salvora Island,** on Punta Besuguciros, SW. extremity of island.	42 28 9 01	**Gp. Fl. W** period 20^s. Cp. 5,000.	127	17	Octagonal tower on dwelling; 52.	From 126°–160°— fl. 0.4^s, ec. 2.3^s “ 0.4^s, “ 2.3^s “ 0.4^s, “ 14.2^s Obscured by rocks 160°–217°. From 217°–126°— fl. 0.4^s, ec. 2.3^s “ 0.4^s, “ 2.3^s “ 0.4^s, “ 6.9^s “ 0.4^s, “ 6.9^s
4100 *D 1798*	— Piedras del Sargo, on E. rock.	42 30 9 00	**Qk. Fl. G**	39	8	White conical tower; 39.	
4110 *D 1800*	— Pombeiriño Rock **U.**	42 29 8 57	**Gp. Fl. W. (2)** period 7^s fl. 0.5^s, ec. 1.5^s “ 0.5^s, “ 4.5^s	45	10	White conical masonry tower; 46.	
4120 *D 1802*	— Los Mesos Shoal, on rock, NE. side of shoal. **U.**	42 31 8 56	**Gp. Fl. W. (5)** period 15^s fl. 0.3^s, ec. 1.0^s “ 0.3^s, “ 1.0^s “ 0.3^s, “ 1.0^s “ 0.3^s, “ 5.2^s “ 0.3^s, “ 5.3^s	42	10	Cylindrical tower on truncated conical beacon, red and black bands; 29.	
4130 *D 1816*	— Loba Shoal	42 32 8 55	**Qk. Fl. W** 60 fl. per min.	28	4	White truncated conical tower.	
4140 *D 1824*	— Piedra Seca **U.**	42 33 8 55	**Gp. Fl. G. (2)** period 6^s fl. 0.5^s, ec. 1^s “ 0.5^s, “ 4^s	35	7	White beacon, lower part conical, upper cylindrical.	
4150 *D 1818*	— **Rúa Island,** center of island. **U.**	42 33 8 56	**Gp. Fl. (3) — W. R.** period 10^s fl. 0.4^s, ec. 1.0^s “ 0.4^s, “ 3.9^s “ 0.4^s, “ 3.9^s	81	W. 14 R. 11	Gray cylindrical tower, dwelling; 46.	R. 121° 30′–211° 30′; W.–121° 30′.
4160 *D 1822*	– Llagereos Shoal	42 33 8 59	**Fl. R** period 1.2^s fl. 0.1^s, ec. 1.1^s	24	5	White conical tower; 23.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

SPAIN—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	AROSA BAY:	N. W.					
4170 *D 1820*	— Santa Eugenia de Ribiera, head of mole.	42 33 8 59	**Gp. Fl. R. (3)** period 5^s fl. 0.5^s, ec. 0.5^s " 0.5^s, " 0.5^s " 0.5^s, " 2.5^s	35	7	Aluminum painted iron pyramidal tower, hut; 21.	
4180 *D 1826*	— Punta Caballo, NW. side of Arosa Island. **U.**	42 34 8 53	**Gp. Fl. W. (4)** period 8^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 3.8^s	38	13	White octagonal tower, dwelling; 16.	
4190 ***D1827***	— Isla de Arosa, head of mole.	-------	**Fl. G** period 3^s	26	----	Pyramidal iron tower; 21.	
4200 *D 1828*	— Sinal Ostreira Shoal	42 36 8 55	**Gp. Fl. W. (3)** period 14.5^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 2.5^s " 0.5^s, " 8.0^s	28	4	White truncated conical tower; 33.	
4210 *D 1830*	— Caramiñal, head of mole. **U.**	42 36 8 56	**Gp. Fl. (2) — W. R.** period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s	24	W. 9 R. 7	Gray iron truncated pyramidal tower; 23.	W. 32°–302°, R.–32°.
4220 ***D1844***	— Rianjo, head of mole	42 39 8 49	**Fl. — W. R.** period 3^s fl. 0.3^s, ec. 2.7^s	-----	W. 5 R. 4	Iron framework tower; 20.	R. 155° 30′–270°, W.–155° 30′.
4230 *D 1843*	— Bahia de Tierra Shoal, off pier at Carril.	42 37 8 47	**Gp. Fl. G. (2)** period 5^s fl. 0.3^s, ec. 0.6^s " 0.3^s, " 3.8^s	29	2	White square pyramidal tower.	
4240 *D 1842*	— Carril, head of mole	42 37 8 47	**Qk. Fl. W** 160 fl. per min	30	7	Square tower roof; 20	
4260 *D 1840*	— — Head of railway pier.	-------	**F. G**	-----	2	------------------	

SPAIN—WEST COAST

No.	Name and location	Position, lat. long. ° '	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	AROSA BAY:	N. W.					
4270 *D 1838*	— Villajuan, at head of mole.	-------	**F. R.**	-----	2	------	
4280 *D 1832*	— Seijo Shoal, off Punta Sinas. **U.**	42 35 8 51	**Gp. Fl. G. (3)** period 10^{s} fl. 0.5^{s}, ec. 1.0^{s} " 0.5^{s}, " 1.0^{s} " 0.5^{s}, " 6.5^{s}	-----	7	White cylindrical tower on conical beacon.	
4290 *D 1834*	— Villanueva, head of mole, N. side of Rio Curras entrance.	42 34 8 50	**Gp. Fl. (4), — W., G.** period 10^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 1.0^{s} " 0.3^{s}, " 3.4^{s} " 0.3^{s}, " 3.4^{s}	25	W. 10 G. 7	Aluminum colored iron pyramidal structure, hut; 21.	W. 62°–104°, G.–62°.
4300 *D 1814*	— Cambadas, S. head of breakwater. **U.**	42 31 8 49	**Fl. W.** period 4.5^{s} fl. 0.5^{s}, ec. 4^{s}	25	10	White square tower; 20.	
4310 *D 1808*	— — Lobeira de Cambodas, off S. extremity. **U.**	42 31 8 52	**Gp. Fl. R. (4)** period 10^{s} fl. 0.5^{s}, ec. 0.8^{s} " 0.5^{s}, " 0.8^{s} " 0.5^{s}, " 0.8^{s} " 0.5^{s}, " 5.6^{s}	32	6	White conical tower; 33.	
4320 *D 1806*	— Pragueros Shoal	42 31 8 53	**Fl. G.** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	29	5	White conical tower	
4330 *D 1810*	— Golfeira Shoal **U.**	42 30 8 52	**Gp. Fl. G. (4)** period 10^{s} fl. 0.5^{s}, ec. 0.8^{s} " 0.5^{s}, " 0.8^{s} " 0.5^{s}, " 0.8^{s} " 0.5^{s}, " 5.6^{s}	32	5	White conical tower; 33.	
4340 *D 1812*	— San Martin del Grove, head of W. breakwater.	42 30 8 52	**Gp. Fl. G. (3)** period 6.5^{s} fl. 0.3^{s}, ec. 0.8^{s} " 0.3^{s}, " 2.4^{s} " 0.3^{s}, " 2.4^{s}	35	-----	Gray conical iron tower, hut; 23.	
4350 *D 1846*	**Ons Island,** summit, near N. extremity.	42 23 8 56	**Gp. Fl. W. (4)** period 24^{s} fl. 0.3^{s}, ec. 3.7^{s} " 0.3^{s}, " 3.7^{s} " 0.3^{s}, " 3.7^{s} " 0.3^{s}, " 11.7^{s}	414	27	Octagonal tower; 39	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

SPAIN—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
4360 *D 1848*	Camoueo Shoal, on S. rock.	42 24 8 55	**Gp. Fl. W. (3)** period 10^s fl. 0.5^s, ec. 1.0^s " 0.5^s, " 1.0^s " 0.5^s, " 6.5^s	35	10	White cylindrical tower, 42.	
4370 *D 1850*	Picamillo Shoal	42 24 8 53	**Gp. Occ. W. (2)** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s	35	10	White cylindrical tower; 42.	
	PONTEVEDRA BAY:						
4380 *D 1854*	— Portonavo, head of mole.	42 24 8 49	**Gp. Fl. R. (3)** period 6^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 3.1^s	27	6	Aluminum colored iron skeleton structure; 21.	
4390 *D 1856*	— Sangenjo, N. side of bay, head of mole.	42 24 8 48	**F. R.**	27	6	Aluminum colored iron skeleton tower; 20.	
4400 *D1860*	— Punta Tenlo Chico, Isla Tambo.	42 24 8 42	**Occ. W.** period 3.8^s lt. 3.0^s, ec. 0.8^s	111	15	White cylindrical tower; upper part conical; 40.	
	— Pontevedra:						
4410 *D1862*	— — Head of N. Jetty	42 25 8 41	**Fl. R.** period 4^s fl. 0.4^s, ec. 3.6^s	19	6	White 3 sided tower	Two Fl. R. lights, period 3^s fl. 0.3^s, ec. 2.7^s, are shown on training wall.
4420 *D1864*	— — Head of S. Jetty		**Fl. G.** period 3^s fl. 0.3^s, ec. 2.7^s	19	6	White 3 sided tower	Two similar lights are shown on training wall.
4430 *D 1866*	— Marin, head of W. mole. U.	42 24 8 42	**Gp. Fl. G. (4)** period 10^s fl. 0.5^s, ec. 1^s " 0.5^s, " 1^s " 0.5^s, " 1^s " 0.5^s, " 5^s	24	7	Iron tower; 33	A F. R. light is shown from mole extension. A F. R. and a F. G. light are shown from the head of new mole at La Longa
4440 *D 1870*	— Bueu, head of mole	42 20 8 47	**Gp. Fl. G. (3)** period 6^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 3.1^s	27	4	Aluminum painted iron skeleton structure; 21.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			SPAIN—WEST COAST				
	PONTEVEDRA BAY:	N. W.					
4450 *D 1872*	— Mourisca, on shoal S. side of entrance to bay. **U.**	42 21 8 49	**Gp. Fl. G. (2)** period 5.0^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 3.4^s	34	9	White circular tower; 43.	
4455 *D1875*	Punta Couso	42 19 8 51	**Gp. Fl. (3)—W., G.** period 9^s fl. 0.3^s, ec. 1^s " 0.3^s, " 1^s " 0.3^s, " 6.1^s		W. 13 G. 10	Cylindrical masonary tower; 16.	G. 60°–96°, W.–195°, G.–0° obsc. elsewhere.
	VIGO BAY:						
4460 *D 1874*	— Punta Robaleira, Cabo del Home, N. entrance to bay. **U.**	42 15 8 52	**Gp. Fl. (4)—W. R.** period 10^s fl. 0.5^s, ec. 1^s " 0.5^s, " 1^s " 0.5^s, " 1^s " 0.5^s, " 5^s	85	W. 14 R. 11	Red tower, red lantern; 21.	W. 300°–321°30′, R.–90°, obscured–115°30′, R.–170°30′.
4470 *D 1876*	— Cabo de Home Range, front.	42 15 8 52	**Qk. Fl. W.** 60 fl. per min.	122	12	Red column on white cylindrical tower; 61.	Range lights. Visible 90°–180°.
4470. 1 *D 1878*	— — Rear, on Punto Sobrido, 890 yards 129° from front.		**Occ. W.** period 3^s lt. 2^s, ec. 1^s	171	12	Red column on white cylindrical tower; 44.	
	— Cics Islands:						
4480 *D 1882*	— — Punta Monte de Agudo, on Cies del Norte Island, E. side. **U.**	42 15 8 54	**Gp. Fl. G. (2)** period 5^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 3.4^s	78	10	White tower; 16	Visible 146°30′–334°.
4490 *D 1884*	— — **Monte Faro**, summit of Faro Island. **U.**	42 13 8 55	**Gp. Fl. W. (6)** period 30^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 2.5^s " 0.5^s, " 2.5^s " 0.5^s, " 8.5^s " 0.5^s, " 2.5^s " 0.5^s, " 8.5^s	609	16	Round tower; 33	Obscured by Monte Agudo to northward.
4500 *D 1886*	— — **Punta Canabal**, S. end of Faro Island.	42 13 8 55	**Gp. Fl. W. (5)** period 17^s fl. 0.8^s, ec. 1^s " 0.8^s, " 1^s " 0.8^s, " 1^s " 0.8^s, " 5^s " 0.8^s, " 5^s Cp. 3,100	207	17	Gray cylindrical tower, upper part truncated conical; 30.	
4560 *D 1888*	— — Cabo Vicos, SE. point of San Martin Island, S. entrance to Vigo Bay. **U.**	42 11 8 53	**Gp. Fl. (2)—W. R.** period 5^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 3.4^s	304	W. 14 R. 11	White tower; 23	R. 210°–30°, W.–108°, obscured elsewhere.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			SPAIN—WEST COAST				
	VIGO BAY: — Cies Islands:	N. W.					
4570 *D 1906*	— Punta Lameda, E. side of S. entrance to bay. **U.**	42 09 8 51	**Gp. Fl. (4)—W. G.** period 10^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 1^{s} " 0.5^{s}, " 1^{s} " 0.5^{s}, " 5^{s}	90	W. 14 G. 10	White masonry tower surrounded by wall; 13.	W. 6°30′–78°30′, G.–104°, W.–130°, G.–261°30′, obsc.–6°30′.
4580 *D 1892*	— Punta Borneira, N. side of bay, on shoals off point. **U.**	42 14 8 48	**Gp. Fl. R. (3)** period 6^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 1.0^{s} " 0.3^{s}, " 3.1^{s}	38	10	Masonry beacon, red lantern; 36.	
4590 *D 1894*	— Cabo de Mar, NW. extremity of reef, on Brasileira Shoal. **U.**	42 14 8 47	**Gp. Fl. G. (3)** period 6^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 1.0^{s} " 0.3^{s}, " 3.1^{s}	32	9	White masonry beacon, black lantern; 36.	
4600 *D 1896*	— Port Cangas, head of mole, N. side of bay. **U.**	42 16 8 47	**Gp. Fl. W. (5)** period 10^{s} fl. 0.5^{s}, ec. 0.8^{s} " 0.5^{s}, " 0.8^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 0.8^{s} " 0.5^{s}, " 2.5^{s}	28	10	Square masonry tower; 23.	
4610 *D 1895*	— Bouzas, head of mole	42 14 8 45	**Gp. Fl. G. (3)** period 14^{s} fl. 0.3^{s}, ec. 1.1^{s} " 0.3^{s}, " 6^{s} " 0.3^{s}, " 6^{s}	28	2	Iron tower; 20	
	— Vigo:						
4620 *D 1898*	— — Berbés Basin, NE. head of W. mole. **U.**	42 14 8 44	**Gp. Fl. W. (4)** period 10^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 1.0^{s} " 0.3^{s}, " 3.4^{s} " 0.3^{s}, " 3.4^{s}	28	10	Small iron tower; 19	
4630 *D 1900*	— — Muelle Transatlanticos, W. end.	42 14 8 44	**F. R**	25	2	Metal support; 19	
4640 *D 1902*	— — Muelle Transatlanticos, E. end.	42 15 8 44	**F. G**	25	2	Metal support; 19	
4650 *D 1897*	— — — SW. head of W. mole.		**Gp. Fl. W. (3)** period 14^{s} fl. 0.3^{s}, ec. 1.1^{s} " 0.3^{s}, " 6.0^{s} " 0.3^{s}, " 6.0^{s}	28	6	Metal tower; 19	
4660 *D 1904*	— — La Guia Hill, Punta Areiño.	42 16 8 42	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	117	16	White cylindrical tower; 69.	A. F. R. light exists on pier 0.48 mile 80° and a F. G. on pier 0.43 mile 56° from Punta Areiño.

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			SPAIN—WEST COAST				
		N. W.					
4668	Punta Tenaza, Bayonna, head of mole.	42 08 8 51	**Qk. Fl. G**	23	4	Iron tripod on hut; 23	
4670 *D 1910*	Puerto Bayona, head of mole.	42 07 8 51	**F. R**	11	2	Structure; 13	
4680 *D 1912*	— Cabezo de San Juan (Pego Shoal), front.	42 08 8 50	**Occ. W** period 1.6^{s} lt. 0.8^{s}, ec. 0.8^{s}	25	12	White conical tower	Range lights.
4680. 1 *D 1914*	— — Rear, Panjon, 1.04 miles 83° from front.		**Occ. W** period 3.8^{s} lt. 3^{s}, ec. 0.8^{s}	57	12	White octagonal tower; 29.	
4682	— Panjon, head of mole	42 08 8 49	**Qk. Fl. R**	23	4	Iron tripod on hut; 23	
4690 *D 1916*	**Cabo Silleiro**, ½ mile south of cape.	42 06 8 54	**Gp. Fl. W. (3)** period 15^{s} fl. 0.4^{s}, ec. 2.1^{s} " 0.4^{s}, " 5.8^{s} " 0.4^{s}, " 5.9^{s}	275	23	White stone tower, dwelling; 36.	**Siren:** 3 blasts every 60^{s}. **Radiobeacon.**
4700 *D 1920*	La Guardia, N. of Rio Miño Entrance, front.	41 54 8 52	**F. R**	41	6	Iron skeleton structure; 20.	**Siren:** 4 blasts every 30^{s}. Range lights.
4700. 1 *D 1922*	— Rear, 90 yards 109° from front light.		**F. R**	128	6	Iron skeleton structure; 20.	
4710 *D 1924*	Camposancos, N. bank of Rio Miño, on mole.	41 53 8 51	**Fl. R** period 4^{s} fl. 1^{s}, ec. 3^{s}	23	5	Gray iron skeleton structure; 20.	
			PORTUGAL				
4720 *D 2008*	**Cabo Montedor**	41 45 8 52	**Gp. Fl. W. (2)** period 10^{s} fl. 0.2^{s}, ec. 1.8^{s} " 0.2^{s}, " 7.8^{s} Cp. 1,050,000	335	25	Square masonry tower, dwelling; 92.	**Horn:** blast 5^{s}, silent 25^{s}. **Radiobeacon.**
4730 *D 2002*	Insua	41 51 8 52	**Fl.—W. R. G** period 4^{s}	52	W. 8 R. 5 G. 5	White column, square base.	W. 357°–204°, G.–270°, R.–357°.
4740 *D 2003*	Moledo Range, front		**F. R**		7	Corner of house; 36	Range lights.
4740. 1 *D 2003-1*	— Rear, about .25 mile 100° from front.		**F. R**		7	Church tower; 33	
4750 *D 2004*	Ancora, range, front		**F. R** Cp. under 100	13	6	Masonry column; 13	Range lights.
4750. 1 *D 2006*	— Rear, 28 yards 71° from front.	41 49 8 52	**F. R** Cp. under 100	23	6	Masonry column; 13	

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PORTUGAL							
4760 *D2012*	Viana do Costello, on SW. battery of fort, N. side of Lima River entrance, front.	N. W. 41 41 8 50	**Occ. R** period 4^s lt. 2^s, ec. 2^s Cp. 1,000	46	12	Red cylindrical iron tower, white gallery and lantern; 20.	Visible 241°–151°. Range lights. Visible 7½° either side of axis.
4760. 1 *D2014*	— Rear, Senhora da Agonia, 550 yards 12° 30′ from front.	-------	**Occ. R** period 6^s lt. 4^s, ec. 2^s Cp. 1,000	105	13	Red cylindrical iron tower, white gallery and lantern; 30.	
4770	Rio Neivo Range, front, on dunes at river mouth.	41 38 8 49	**F. R**	40	3	Iron column; 10	Range lights.
4770. 1	— Rear, 121 yards 64° from front.	-------	**F. R**	52	3	Iron column; 10	
4780 *D 2016*	**Esposende,** on fort at entrance to Rio Cavado.	41 32 8. 47	**Fl. W** period 5^s fl. 1.5^s, ec. 3.5^s Cp. 13,500	66	13	Red cylindrical iron tower with platform, two-story building attached; 39.	Reserve light F. W. 13 miles. **Siren:** blast 5^s, silent 10^s.
4790 *D2017*	— Aqucadoira, on beach, front.	41 25 8 47	**F. W** Cp. 1,200	62	6	White pyramidal concrete tower; 20.	Range lights.
4790. 1 *D2017.1*	— — Rear, 77 yards from front.	-------	**F. W** Cp. 400	69	6	White pyramidal concrete tower; 13.	
4800	— Averomar, on beach, front.	41 24 8 47	**F. R** Cp. 100	42	3	White concrete tower; 13.	Range lights.
4800. 1	— — Rear, about 88 yards from front.	-------	**F. R** Cp. 100	52	3	White truncated conical concrete tower; 20.	
4810 *D 2018*	POVOA DE VARZIM: — Lapa, SW. corner of Church, front.	41 22 8 46	**Gp. Occ. W. (2)** period 20^s lt. 12.5^s, ec. 2.5^s lt. 2.5^s, ec. 2.5^s Cp. 600	43	11	Red iron column and hut, masonry base; 26.	**Siren:** blast 5^s, silent 55^s. Range lights.
4810. 1 *D 2020*	— — Rear, Regufe, about 656 yards 82° from front.	41 22 8 45	**Occ. R** period 4^s lt. 2^s, ec. 2^s Cp. 1,500	95	13	Red iron tripod tower; 72.	
4820	CACHINAS: — First Range, NE. side of town, front.	41 21 8 45	**F. G** Cp. under 200	46	7	White cylindrical concrete hut.	Range lights.
4820. 1	— — Rear, about 380 yards 67°30′ from front.	-------	**F. G** Cp. under 200	69	7	White cylindrical concrete hut.	
4830	— Second Range, Aguilhão, front.	41 22 8 45	**F. R**	16	8	Concrete column, cross topmark; 16.	Range light. A R. light is shown above the G. light when a storm is expected.
4830. 1	— — Rear, about 88 yards from front.	-------	**F. G**	46	7	White concrete column; 20.	

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PORTUGAL

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	VILA DO CONDE:	N. W.					
4840 *D2024*	— N. side of entrance to Ave River front.	41 20 8 45	**Gp. Occ. R. (3)** period 15^{s} lt. 7.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 1.5^{s} " 1.5^{s}, " 1.5^{s} Cp. 200	22	7	Red iron post, on red hut; 20.	Range lights.
4840. 1 *D2026*	— — Rear, about 140 yards, 360° from front.	-------	**F. R** Cp. 200	37	7	Red ironpost, on red hut; 20.	
4843 *D 2022*	Rio Ave Range, front	41 20 8 44	**F. G**	85	7	-------------------	Range lights.
4843. 1 *D 2022.1*	— Rear, about 700 yards 80°48′ from front.	-------	**F. G**	138	7	-------------------	
4850 *D2027*	Vila Chã, on beach, front.	41 17 8 44	**F. R** Cp. 100	16	6	White circular concrete tower, black band; 10.	Range lights.
4850. 1 *D2027.1*	— Rear, 150 yards ENE. of front.	-------	**F. R** Cp. 100	37	6	White circular concrete tower, black band; 10.	
4860 *D2028*	Angeiras, Range front	41 16 8 43	**F. R** Cp. 100	30	6	Iron column; 13	Range lights.
4860. 1 *D2030*	— — Rear, 256 yards from front	-------	**Fl. R** period 5^{s} fl. 1^{s}, ec. 4^{s} Cp. 100	42	6	Iron column; 13	
4862	Pampilbido AVIATION LIGHT.	41 14 8 40	**Alt.—W. G**	-----	-----	-------------------	
4870 *D 2032*	**Leca**, about 1.25 miles N. of Port Leixoes.	41 12 8 43	**Gp. Fl. W. (3)** period 15^{s} fl. 0.2^{s}, ec. 2.2^{s} " 0.2^{s}, " 2.2^{s} " 0.2^{s}, "10.0^{s} Cp. 2,000,000	187	20	White cylindrical concrete tower, narrow black bands, attached buildings, red lantern; 151.	**Siren:** blast 5^{s}, silent 25^{s}. **Radiobeacon: Radiodirection-finder**
	LEIXOES:						
4880 *D2039*	— Cabeca do Esporas, head of W. breakwater. **U.**	41 10 8 42	**Occ. W. R** period 2^{s} lt. 1^{s}, ec. 1^{s}	62	W. 11 R. 7	Cylindrical concrete tower; 36.	W. 183°–118°, R.–163°, obscured elsewhere. **Bell:** 1 stroke every 60^{s}.
4890 *D 2036*	— Head of S. breakwater. **U.**	41 11 8 42	**Fl. G** period 4^{s} fl. 1^{s}, ec. 3^{s}	51	6	Hexagonal masonry tower; 34.	Visible 328°–285°. Signal station. **Horn:** 2 blasts every 35^{s}.
4900 *D 2038*	— Head of W. breakwater spur. **U.**	41 11 8 42	**Fl. R** period 4^{s} fl. 1^{s}, ec. 3^{s}	26	5	Red concrete hut; 13	Visible 173°–353°.
4910 *D 2040*	— Head of S. mole of basin in N. part of port.	-------	**F. G**	13	2	Iron column	Visible 334°–180° over harbor. A F. R. light on the N. side and a F. G. light on the S. side, mark the dock entrance.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PORTUGAL						
	OPORTO (PORTO):	N. W.					
4920 *D2050*	— Felgueiras Mole, N. side of Douro River Entrance. **U.**	41 09 8 41	**Occ. R** period 4^s lt. 2^s ec. 2^s Cp. 3,200	43	12	Hexagonal masonry tower; 38.	Visible 265°–134°. **Bell.**
4930 *D 2046*	— Cantareira Quay, front.	41 09 8 40	**F. R** Cp. 400	36	10	White iron column, balcony; 20.	Range lights.
4930. 1 *D 2048*	— — Rear, Sobreiras (Marca Nova), 612 yards 78° from front.		**Occ. R** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 400	105	10	White iron column, masonry base; 13.	
4934 *D 2052*	Praia da Aguda Range, front.	41 03 8 39	**Occ. W** period 4^s lt. 2^s, ec. 2^s Cp. 100	49	6	Concrete column; 19	Range lights.
4934. 1 *D 2052.1*	— Rear, about 23 ft. 68° from front.		**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. 100	62	6	Concrete column; 33	
4940 *D 2056*	**Aveiro**, AVIATION LIGHT, S. side of River Vouga entrance.	40 38 8 45	**Gp. Fl. W. (4)** period 15^s fl. 0.3^s, ec. 2.3^s " 0.3^s, " 2.3^s " 0.3^s, " 2.3^s " 0.3^s, " 6.9^s Cp. 720,000	196	20	Red cylindrical tower, white bands, on center of two-story building; 200.	**Horn:** 1 blast every 13^s. **Radiobeacon.**
4950 *D 2060*	**Cabo Mondego**, S. extremity of cape.	40 11 8 54	**Fl. W** period 5^s fl. 0.2^s, ec. 4.8^s Cp. 2,600,000	314	25	White square masonry tower, dwelling; 49.	**Horn:** 2 blasts every 60^s. **Radiobeacon.**
	BUARCOS:						
4960 *D 2062*	— N. of Mondego River, front.	40 10 8 52	**F. R** Cp. 300	36	9	Red iron hut; 23	Range lights, moved as channel alters.
4960. 1 *D 2064*	— — Rear		**F. R** Cp. 300	72	9	Red iron hut; 26	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PORTUGAL						
	PORT FIGUEIRA DA FOZ:	N. W.					
4970 *D 2066*	— On Fort Santa Catarina, N. side of Mondego River Entrance.	40 09 8 52	**Gp. Occ. R.** (2) period 8^{s} lt. 4.5^{s}, ec. 1^{s} " 1.5^{s}, " 1^{s} Cp. 500	35	10	Red cylindrical iron tower; 10.	Visible 267°–177°. **Horn:** 1 blast every 30^{s}.
4980 *D 2068*	— W. head of S. mole, inside river entrance.		**F. G**	12	3	Wooden framework structure; 10.	Moved as channel alters.
			Cp. under 100				
4990 *D 2072*	**Penedo da Saüdade**	39 46 9 02	**Gp. Fl. W.** (2) period 15^{s} fl. 0.3^{s}, ec. 3.5^{s} " 0.3^{s}, " 10.9^{s} Cp. 3,900,000	176	20	Square masonry tower, dwelling attached; 105.	
5000 *D 2074*	Nazaré, SW. angle of Fort, mouth of Alcoa River Pederneira Bay.	39 36 9 05	**Fl. W** period 5^{s} fl. 1^{s}, ec. 4^{s} Cp. 4,800	121	17	Circular lantern with round cupola on wall of fort; 26.	Visible 282°–192°. Storm signals. **Horn:** 1 blast every 35^{s}.
	PONTA DE SANTO ANTONIO:						
5010 *D 2076*	— São Martinho do Porto.	39 30 9 08	**Gp. Occ. W.** (2) period 20^{s} lt. 12.5^{s}, ec. 2.5^{s} " 2.5^{s}, " 2.5^{s} Cp. 100	101	6	White concrete tower on stone hut; 20.	
5020 *D 2078*	— Range, E. side of bay front.	39 30 9 08	**F. R** Cp. under 100	33	4	Red iron column, hut; 20.	Range lights.
5020. 1 *D 2080*	— — Rear, 139 yards 145° from front.		**F. R** Cp. under 100	52	4	Red iron column, masonry base; 36.	
5030 *D 2084*	Great Farilhao Island **U.**	39 29 9 33	**Fl. G** period 4^{s} fl. 1^{s}, ec. 3^{s} Cp. 500	324	10	Red cylindrical iron tower; 20.	
5040 *D 2086*	**Berlenga,** summit of island.	39 25 9 30	**Gp. Fl. W.** (3) period 30.0^{s} fl. 0.2^{s}, ec. 4.7^{s} " 0.2^{s}, " 4.7^{s} " 0.2^{s}, " 20^{s} Cp. 4,500,000	370	26	White square masonry tower, dwellings attached; 95.	**Nautophone** (NE. end of island): blast 3^{s}, silent 6^{s}. **Radiobeacon.**

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			PORTUGAL				
5050 *D 2088*	PENICHE PENINSULA: — **Cabo Carvoeiro,** summit.	N. W. 39 22 9 24	**Gp. Fl. R. (4)** period 15^s fl. 0.1^s, ec. 2.4^s " 0.2^s, " 2.3^s " 0.1^s, " 2.4^s " 0.2^s, " 7.3^s Cp. 13,700	183	20	White square masonry tower, attached dwellings; 88.	**Siren:** 2 blasts every 30^s. **Radiobeacon.**
5058 *D 2096*	— **Head of E.** mole U.	39 21 9 22	**Fl. G.** period 3^s fl. 0.2^s, ec. 2.8^s	43	3	White truncated concrete tower; 26.	
5059 *D 2094*	— Head of W. mole. U.		**Fl. R.** period 3^s fl. 0.2^s, ec. 2.8^s	43	4	White truncated tower; 26.	
5080 *D 2090*	— Ingueriro, Fort Misericordia, N. side of peninsula, front.	39 22 9 22	**F. R.** Cp. 300	32	9	Red iron column; 23	Range lights.
5080.1 *D 2092*	— — Rear, 0.75 mile 215°30′ from front light.		**F. W.** Cp. 1,600	108	13	Square masonry tower on fort; 34.	
5086 *D 2098*	**Porto das Barcas**	39 14 9 20	**F. W**	85	5	**Iron column**	Shown from March 15 to Oct. 15.
5090 *D 2100*	Port Dinheiro, N. of town.	39 13 9 20	**F. R.** Cp. under 100	62	3	Iron column; 14	Shown from March 15 to Oct. 15.
5100 *D 2102*	Assenta, S. of Punta Lamparoeila. U.	39 03 9 25	**F. R.**	242	5	White concrete hut, conical base; 13.	
5110 *D 2104*	ERICEIRA: — N. side, front	38 58 9 25	**F. R.** Cp. 200	85	8	White concrete sentry box; 10.	Range lights.
5110.1 *D 2106*	— — Rear, 89°30′ from front.		**F. R.** Cp. 200	111	8	White concrete sentry box, black square daymark; 10.	
5120 *D 2108*	**Cabo da Roca,** extremity.	38 47 9 30	**Gp. Fl. W. (4)** period 20^s fl. 0.3^s, ec. 3.0^s " 0.3^s, " 3.0^s " 0.3^s, " 3.0^s " 0.3^s, " 9.8^s Cp. 1,700,000	528	30	White qadrangular tower and buildings, 72.	**Diaphone:** blast 3^s, silent 17^s. **Radiobeacon.**
5130 *D 2110*	Cabo Raso, on N. redoubt of fort São Braz.	38 42 9 29	**Gp. Fl. R. (2)** period 10^s fl. 0.2^s, ec. 2.3^s " 0.2^s, " 7.3^s Cp. 30,000	72	14	Red cylindrical iron tower; 43.	Visible 324°–189°. **Siren:** 2 blasts every 60^s.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
PORTUGAL							
		N. W.					
5140 *D2114*	**Guia,** on Nossa Senhora da Guia.	38 42 9 27	**Occ.—W. R.** period 2^s lt. 1^s, ec. 1^s	171	W. 19 R. 17	White octagonal tower with dwelling; 92.	W. 326°–92°, R. 278°–292°.
5142 *D2118*	— Forte Santa Marta Range, front.	38 41 9 25	**Occ. R.** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 3,700	78	14	White square tower, two blue bands; 65.	Visible 233°–98°. **Nautophone:** 1 blast ev. 10^s. Range lights.
5142. 1 *D2116*	— — **Rear,** 1.2 miles 285° from front.		**Occ. R.** period 2^s lt. 1^s, ec. 1^s Cp. 3,000	164	17	Same tower as 5140	Visible 278°–292°. Light is R. sector of Guia Light.
5150 *D 2120*	Cascais, S. side of Dona Amelia Square.	38 42 9 25	**F. R.**		3	Lamp-post	Visible 251°–309°, indicates anchorage for small vessels.
5153	— Range, front, about 330 yards 42° from Cascais Light.		**F. R.**	39	4	Post; 19	Range lights.
5153. 1	— — Rear, about 0.3 mile 329° from front.		**F. R.**	161	3	Post; 26	
	LISBON AND TAGUS RIVER:						
5160 *D 2124*	— Fte. São Julião, N. side of entrance.	38 40 9 19	**Occ. R.** period 5^s lt. 3^s, ec. 2^s Cp. 7,200	124	17	White square tower; 78	Reserve light F. R. F. R. obstruction lights are shown on three masts of the Monsanto radio station, 236 feet high and marked by five lights, one at the top, two on opposite sides of the mast, 79 feet and 158 feet, respectively, from the top. Storm signals.
5170 *D 2126*	— Forte Bugio, S. side of entrance.	38 39 9. 18	**Alt.—F. W. Fl. G.** period 20^s F. W. 19^s, fl. G. 1^s Cp. W. 15,300, G. 15,000	81	15	Cylindrical tower in center of fort; 46.	Obscured to the N. when bearing more than 105°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PORTUGAL						
	LISBON AND TAGUS RIVER:	N. W.					
5180 *D 2130*	— Gibalta Range, front	38 42 9 16	**Occ. R** period 3^s lt. 2^s, ec. 1^s Cp. 185,000	98	15	Cylindrical masonry tower; 69.	Range lights, visible over an arc of 15°.
5180. 1 *D 2132*	— Rear, Esteiro, 47° from front.	-------	**Occ. R** period 6^s lt. 4^s, ec. 2^s Cp. 190,000	258	22	White square tower, two red bands and dwelling; 49.	
5190 *D 2128*	— Belem, 1,257 yards 191° from Ermida do Restelo. **U.**	38 41 9 13	**Occ. R** period 2.5^s lt. 1.5^s, ec. 1.0^s	12	8	White truncated masonry tower; 13.	5 groups of towers, each showing a F. R. light are located at Alges de Cima.
5200 *D 2134*	— Pta. de Cacilhas, S. side of river.	38 41 9 09	**Occ. G** period 2.5^s lt. 1.5^s, ec. 1^s Cp. 4,500	48	12	Green cylindrical iron tower; 47.	Obscured when bearing S. of 85°. **Horn:** blast 5^s, silent 25^s.
5210 *D 2135*	— Beacon No. 2, E. side of Canal do Barreiro.	38 40 9 08	**Fl. W** period 4^s fl. 1^s, ec. 3^s	9	6	Red concrete column on tripod and platform.	
5220 *D 2136*	— Beacon No. 4, E. side of Canal do Barreiro.	38 40 9 06	**Fl. R** period 4^s fl. 1^s, ec. 3^s	9	4	Red concrete column on tripod and platform.	
5230 *D 2137*	— Beacon No. 1, W. side of Canal do Barreiro.	38 39 9 05	**Fl. G** period 4^s fl. 1^s, ec. 3^s	9	3	Black concrete column on tripod and platform.	
5240	— Pillar	38 39 9 06	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	9	3	Iron column; 6	
5250	— Seca	-------	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	16	3	Iron column; 6	
5260 *D 2139*	**Cabo Espichel**, near extremity.	38 25 9 13	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 890,000	535	30	White hexagonal masonry tower, two dwellings attached; 102.	**Siren:** blast 5^s, silent 10^s. **Radiobeacon.**

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			PORTUGAL				
	SESIMBRA BAY:	N. W.					
5270 *D 2140*	— Fort do Cavalo, W. side of bay.	38 26 9 07	**Fl. W** period 5ˢ fl. 1ˢ, ec. 4ˢ Cp. 1,200	112	12	White cylindrical iron tower; 23.	
5274 *D2148*	— Head of New Mole **U.**	38 26 9 07	**Gp. Fl. R. (2)** period 6ˢ fl. 0.3, ec. 1.5ˢ " 0.3, " 3.9ˢ	38	4	Iron tower on quadrangular concrete base; 33.	
5280 *D 2142*	— SW. corner of town fort, front.	38 26 9 06	**F. R** Cp. under 100	30	4		Range lights, 4°.
5280. 1 *D 2144*	— — Rear, NW. corner of town fort.		**F. R** Cp. under 100	70	4		
	SETUBAL:						
5290	— *Barra Nova de Setubal, Entrance Lighted Buoy.*	38 27 8 58	**Fl. R** period 3ˢ fl. 0.2ˢ, ec. 2.8ˢ		4	Red buoy, cylindrical topmark.	
5300 *D 2150*	— Fort d'Outao, W. entrance to Sado River, front.	38 29 8 56	**Gp. Occ. R. (2)** period 9ˢ lt. 4ˢ, ec. 2ˢ " 2ˢ, " 1ˢ Cp. 2,000	108	14	White cylindrical tower; 36.	
5310 *D 2154*	— Doca, head of E. mole of fishing harbor, front. **U.**	38 32 8 52	**F. R** Cp. 500	40	6	Gray square iron tower; 34.	Range lights.
5310. 1 *D 2156*	— — Rear, Azeda, 1.75 miles 40° from front. **U.**		**F. R** Cp. 1,000	234	12	Red iron hut; 21	
5320 *D 2160*	**Cabo de Sines**, near extremity.	37 57 8 53	**Gp. Fl. W. (2)** period 15ˢ fl. 0.2ˢ, ec. 3.6ˢ " 0.2ˢ, " 11.0ˢ Cp. 337,000	131	17	White cylindrical tower, dwelling; 72.	A F. G. light visible 2 miles is shown on end of mole. **Radiobeacon.**
5325	— Sines, SE. corner of life saving station.	37 57 8 52	**F. R** Cp. 100	36	6	On wall of life saving station; 15.	Range lights. Note, these lights lead to Sines anchorage.
5325. 1	— — Rear, 35 yards 0°, from front.		**F. R** Cp. 100	111	6	On wall of Pratts Sanatory; 18.	
5327	Porto Covo	37 51 8 48	**F. W** Cp. 100	52	5	Iron column; 13	
5328	Range, front	37 44 8 48	**F. R** Cp. 100	16	2	Iron column; 13	Range lights.
5328. 1	— Rear, 71°30′ from front.		**F. R** Cp. 100	20	3	Iron column; 13	
5330 *D 2162*	Milfontes, Villa Nova de Milfontes at mouth of Mira River.	37 43 8 47	**F. W** Cp. under 200	71	5	Concrete hut; 16	Storm signals.
5340 *D 2164*	**Cabo Sardão**	37 36 8 49	**Gp. Fl. W. (3)** period 15ˢ fl. 0.2ˢ, ec. 2.8ˢ " 0.2ˢ, " 2.8ˢ " 0.2ˢ, " 8.8ˢ Cp. 2,200,000	226	21	White square masonry tower on dwellings; 55.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

PORTUGAL

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
5350 *D 2168*	**Cabo São Vicente** (St. Vincent), W. extremity.	37 01 9 00	**Fl. W** period 5^s fl. 0.1^s, ec. 4.9^s Cp. 6,900,000	234	22	White cylindrical masonry tower, red band and red top; 79.	**Siren:** blast 3^s, silent 12^s. **Radiobeacon.**
5360 *D 2170*	Ponta de Sagres	37 00 8 57	**Gp. Fl. R.** (5) period 10^s fl. 0.4^s, ec. 1.1^s " 0.4^s, " 1.1^s " 0.4^s, " 1.1^s " 0.4^s, " 1.1^s " 0.4^s, " 3.6^s Cp. 8,500	154	18	White square masonry tower on dwelling; 26.	Obscured N. of 128°. **Nautophone:** 2 blasts every 40^s.
5370 *D 2174*	LAGOS BAY: — Ponta de Piedade	37 05 8 40	**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. 6,000	179	18	Yellow square masonry tower on dwelling; 39.	
5380 *D 2176*	— Solaria, head of mole	37 06 8 40	**F. R** Cp. 300	36	7	Iron framework structure on cupola of tide-gauge; 23.	
5382	**— About 3.83 miles 47° from Ponta de Piedade Light.**	**37 07 8 37**	**F. W**	**16**	**5**	**Red iron post; 13**	
5400	PORTIMÃO RIVER: — Ponta do Altar, E. side of entrance.	37 06 8 31	**Fl. R** period 5^s fl. 1^s, ec. 4^s Cp. 1,000	95	9	White square tower with 2 red bands, white dwelling with red roof; 29.	
5410	— Ponta da Areia, on highest dune, front.	37 07 8 32	**F. R**	16	4	Iron column; 13	Range lights.
5410. 1	— — Rear, about 1 mile N. of front.		**F. R**	46	3	Iron column 13	
5420 *D 2180*	— W. side of Fort San João, front.		**F. G** Cp. under 100	16	2	Wooden post; 10	Range lights, Front light moved as necessary to meet changes in channel F. G. range lights lead into the inner basin.
5420. 1 *D 2180*	— — Rear, about 520 yards 25° from front.	37 07 8 31	**F. G** Cp. under 100	72	2	Iron column; 13	
5430 *D 2192*	**Cabo Carvoeiro do Algarve** (Alfanzina).	37 05 8 26	**Gp. Fl. W. (2)** period 15^s fl. 0.2^s, ec. 3.6^s " 0.2^s, " 11.0^s Cp. 3,900,000	186	20	White square masonry tower, dwelling; 69.	
5440 *D 2194*	Armacão de Pera, S. corner of fort.	37 06 8 22	**F. G** Cp. under 100	40	3	Red iron column; 16	
5450 *D2188*	Albufeira, near Ponta da Baliera.	37 05 8 16	**Fl. W** period 5^s fl. 1^s, ec. 4^s	112	7	Aluminum-colored tower, square base; 20.	
5451	— E. side of bay	37 05 8 15	**F. G** Cp. 100	43	3	Iron column; 13	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		PORTUGAL					
		N. W.					
5460	Olhos de Agua	37 05 8 11	**F. W**	95	4	Red iron post; 10	
5470 *D 2198*	Quarteira	37 04 8 06	**F. W** Cp. 600	85	8	Church tower; 46	
5480 *D 2202*	Ancão	36 59 7 57	**F. G** Cp. under 100	16	3	Iron column; 13	Moved as channel alters.
	OLHÁO:						
5490 *D 2206*	— **Cabo de Santa Maria,** SW. point of Culatra Island.	36 58 7 52	**Gp. Fl. W. (4)** period 15^s fl. 0.2^s, ec. 2.3^s " 0.2^s, " 2.3^s " 0.2^s, " 2.3^s " 0.2^s, " 7.3^s Cp. 130,000	153	19	White cylindrical masonry tower, dwelling; 157.	**Radiobeacon.** F.,—W., R., G. lights are shown in the new Faro-Olháo and Armona channels·
5495	— **Head of E. mole**		**Fl. G** **period 3^s** **fl. 0.2^s, ec. 2.8^s**	30	3	**White truncated tower**	
5500	— Head of W. mole		**Fl. R** period 3^s fl. 0.2^s, ec. 2.8^s	30	4	White truncated tower	
5530	— Olhão Range, front		**F. G** Cp. 2,800	21	10	Black iron hut; 20	Range lights.
5530. 1	— — Rear	37 01 7 50	**F. G** Cp. 2,800	67	14	Masonry platform near bell tower; 7.	Storm signals.
5540 *D 2230*	Fuseta Range, in lower part of village, front.		**F. R** Cp. under 100	22	3	Iron post; 13	Range lights, moved as channel changes.
5540. 1 *D 2232*	— Rear, 330 yards from front.	37 03 7 45	**F. R** Cp. under 100	105	3	Platform of bell tower; 56.	

PORTUGAL

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
5550 *D 2237*	Tavira, on beach about 140 yards from Fort Rato, front.	37 07 7 37	**F. R**	10	3	Iron post; 16	Range lights, moved as channel changes.
5550. 1 *D2238*	— Rear, on wall of Fort Rato.		**F. R**	13	3	Iron post; 29	
	GUADIANA RIVER:						
5562	— ***Entrance Lighted Buoy No. 2.***	**37 09** **7 22**	**Gp. Fl. R. (2)** period 6^s fl. 0.3^s, ec. 1.5^s " 0.3^s, " 3.9^s		4	Red cylindrical buoy	Moved as channel alters.
5570	— *Lighted Buoy No. **6**,* SE. end of Banco O'Brill.		**Fl. R** period 3^s		4	Black cylindrical buoy	Moved as channel alters.
5580 *D 2246*	— **Villa Real de Santo Antonio,** at mouth of river.	37 11 7 25	**Fl. W** period 7.5^s fl. 0.2^s, ec. 7.4^s Cp. 4,800,000	153	19	White cylindrical tower, narrow dark bands, two-story dwelling; 151.	**Radiobeacon.**
5590 *D 2248*	— Ponta San Antonio, N. of lifeboat shed, front.	37 11 7 25	**F. W** Cp. 1,000	30	11	Black movable hut; 11	Range lights, moved as channel alters.
5590. 1 *D 2250*	— — Rear		**F. W** Cp. 7,000	81	15	Concrete platform on tower of Villa Real de Santo Antonio Light.	

SPAIN—SOUTHWEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GUADIANA RIVER:						
5600 *D 2302*	— Aryamonte Bar, in town, front.	37 12 7 24	**Occ. W** period 3^s lt. 2^s, ec. 1^s	62	13	White structure on red hut; 22.	Range lights.
5600. 1 *D 2304*	— — Rear, 335° 30′ from front.	37 13 7 24	**Occ. R** period 4^s lt. 3^s, ec. 1^s	201	15	White structure on red hut; 22.	
5610 ***D2306***	**— Caiman Point Range, front.**	**37 11** **7 20**	**Qk. Fl. W** **60 fl. per min.**	**30**	**7**	**Skeleton tower; 23**	**Range lights.**
5610. 1 ***D2308***	**— — Rear, about 110 yards 338°45′ from front.**		**Fl. W** **period 4^s** **fl. 0.4^s, ec. 3.6^s**	**33**	**7**	**Skeleton tower; 36**	
5620 *D 2309*	— Inner, on Punta de las Cabezas (Mojarra), front.	37 11 7 20	**Qk. Fl. G** 60 fl. per min.	20	6	Skeleton tower; 23	Range lights.
5620. 1 *D 2310*	— — Rear, 155 yards 274° from front.		**Occ. G** period 4^s lt. 2^s, ec. 2^s	33	6	Skeleton tower; 36	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

SPAIN—SOUTHWEST COAST

No.	Name and location	Position, lat. long.	Characteristic and power	Height	Visibility	Structure, height (feet)	Sectors. Remarks. Fog signals
	PIEDRAS RIVER:	N. W.					
5630 *D 2312*	— **Rompido de Cartaya,** N. side of river entrance.	37 13 7 08	**Gp. Fl. W. (2)** period 5^s fl. 0.5^s, ec. 1.0^s " 0.5^s, " 3.0^s	77	14	White conical tower, dwelling; 36.	
5640 *D 2314*	— Range, Cartaya Bar, N. side of river, front.	37 12 7 04	**Qk. Fl. W** 60 fl. per min.	20	7	Gray framework tower; 19.	Range lights; moved as channel alters.
5640. 1 *D 2316*	— — Rear, 125 yards 346° from front.	-------	**Occ. W** period 4^s lt. 2^s, ec. 2^s	39	7	Gray framework tower: 19.	
	ODIEL RIVER:						
5650 *D 2320*	— **Ponta del Picacho,** E. side of entrance to river.	37 08 6 50	**Gp. Fl. W. (6)** period 30^s	160	19	White octagonal tower, dwelling with red stripes at corners; 75.	
5660 ***D2324***	**— Cerro del Puntal Front Range.**	**37 08 6 51**	**Qk. Fl. W** 60 fl. per min.	**105**	**10**	**White truncated pyramidal tower; 39.**	**Range lights.**
5660. 1 ***D2326***	**— — Rear, 0.15 mile 330° 30′ from front.**	-------	**Fl. R** period 2^s fl. 0.2^s, ec. 1.8^s	**153**	**10**	**White truncated pyramidal tower; 39.**	
5670	— *Lighted Buoy No. 1,* about 1.5 miles 180° from Ponta del Picacho Light.	37 06 6 50	**Qk. Fl. G** 60 fl. per min.	9	3	Black conical buoy	
5680	— *Lighted Buoy No. 2,* about 1.7 miles 185° 30′ from Punta del Picacho Light.	37 06 6 50	**Qk. Fl. R** 60 fl. per min.	9	4	Red conical buoy	Odiel River above the bar is marked by various lighted buoys. *Irregular*
5690 *D 2328*	— Los Torreros Pier	37 08 6 52	**F. W., F. G.** (vert.)	17	1	Iron column	Lights 3 feet apart.
5700 *D 2330*	— La Rabida Pier, E. bank of Rio Tinto.	37 13 6 56	**F. W., F. G.** (vert.)	19	1	Triangular metal structure, black and white iron column.	Lights 3 feet apart.
	— Huelva:						
5710 *D 2332*	— — Punta del Sebo Pier.	37 13 6 57	**F. W., F. R.** (vert.)	19	1	Triangular metal structure, red and white iron column.	Lights 3 feet apart.
5720 ***D 2334***	— — Head of Jetty	37 15 6 57	**F. W., F. G.** (vert.)	------	------	-------------------	
5730 ***D 2336***	— — Petroleum Wharf, head.	37 14 6 57	**F. W., F. G.** (vert.)	------	------	Post	
5734	— — Head of jetty, about 0.2 mile 154° from Petroleum Wharf.	----	**F. W., F. G.** (vert.)	-----	-----	Post	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—SOUTHWEST COAST						
	ODIEL RIVER: — Huelva:	N. W.					
5740 *D 2342*	— — Rio Tinto Pier, S. end.		**F. R**			Iron column	
5750 *D 2344*	— — Factory Wharf		**F. W., F. G.** (vert.)	19	1	Post	F. R. lights are shown from heads of Muelle Norte and railway moles.
5760 *D 2352*	— **Chipiona,** on Punta del Perro, S. of entrance to river.	36 44 6 26	**F. Fl. W** period 15^{s} fl. 1.5^{s}, F. 13.5^{s}	222	Fl.21 F. 20	Yellow tower; 205	
5770	— *Salmedina Bank Lighted Buoy No. 1,* 0.6 mile 303° from Salmedina Beacon.	36 44 6 29	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	12	9	Black conical buoy	
	GUADALQUIVIR RIVER:						
5780 *D 2354*	— Chipiona, head of breakwater.	36 44 6 26	**Qk. Fl. G** 60 fl. per min.	21	2	Iron framework structure; 20.	
5790	— *Lighted Buoy No. 5* (Montijo).	36 46 6 26	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	9	4	Black conical buoy	The channel into the river is marked by buoys showing R. lights on the NW. side, and black buoys showing G. lights on the SE. side.
5800 *D2351*	— Puntade Malandar, entrance range, front.	36 48 6 22	**Qk. Fl. W** 60 fl. per min.	73	6	Cylindrical tower, black and white bands. 41	Range lights.
5800. 1 *D2351-1*	— — Rear, 600 yards 46° 30′ from front.		**Occ. W** period 4^{s} lt. 2^{s}, ec. 2^{s}	93	6	Cylindrical tower, red and white bands. 68	
5810 *D2348*	— Bonanza Range, front near pier, NE. of Sanlucar de Barrameda.	36 48 6 20	**Fl. W** period 5^{s} fl. 1^{s}, ec. 4^{s}	71	7	Red brick tower on dwelling; 65.	Range lights.
5810. 1 *D 2350*	— — Rear, San Jerónimo, 800 yards 72° from front. U.		**Gp. Occ. W.** (2) period 8^{s} lt. 3^{s}, ec. 2^{s} " 1^{s}, " 2^{s}	101	15	Red conical brick tower; 81.	
5820	— Bonanza Pier	36 48 6 20	**F. R**				

SPAIN—SOUTHWEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
5830 *D 2358*	CADIZ BAY: — **Rota**, root of mole, NW. side of Cadiz Bay.	36 37 6 21	**Gp. Occ. W. (4)** period 15^s fl. 4.2^s, ec. 1^s " 1.3^s, " 1^s " 1.3^s, " 1^s " 4.2^s, " 1^s	45	10	Light gray tower and cupola; 33.	Visible 243°–119°.
5840 *D 2360*	— — Head of mole		**F. R**	16	9		
5842	— AVIATION LIGHT	36 38 6 21	**Alt. Gp. Fl.—W. G. (3)** period 10^s G. fl. 0.25^s, ec. 4.5^s W. fl. 0.25^s, ec. 0.25^s W. fl. 0.25^s, ec. 04.5^s	262	20	Red and white checkered water tank; 162.	Tank marked by 4 **F. R.** obstruction lights.
5845	— *Cabezo de los Asnos Lighted Bell Buoy* No. 2.	36 36 6 23	**Gp. Fl. R. (2)** period 6^s fl. 0.3^s, ec. 0.4^s " 0.3^s, " 5.0^s	10	7	Red buoy	
5850	— *El Diamante Lighted Buoy, No. 4*, N. side of main channel.	36 34 6 18	**Gp. Fl. R. (4)** period 12^s fl. 0.3^s, ec. 0.6^s " 0.3^s, " 0.6^s " 0.3^s, " 0.6^s " 0.3^s, " 9.0^s	11	6	Red conical buoy	**Bell.**
5860	— *Los Cochinos Shoal Lighted Bell Buoy, No. 1*,	36 33 6 19	**Fl. G** period 3.0^s fl. 0.3^s, ec. 2.7^s	10	5	Black truncated buoy with black conical topmark point down.	**Bell.**
	— Cadiz:						
5870 *D 2366*	— — Las Puercas Rocks, S. side of main channel.	36 33 6 18	**Gp. Fl. (3)—W. G.** period 9.0^s fl. 0.3^s, ec. 0.9^s " 0.3^s, " 0.9^s " 0.3^s, " 6.3^s	42	W. 10 G. 7	Black beacon; "4" in white.	W. 104°–258°, G.–104°.
5880 *D 2362*	— — **Castillo de San Sebastian.**	36 31 6 19	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 7.2^s Cp. 8,000	124	17	Aluminum painted tower, white lantern; 122.	Obscured over harbor by buildings. **Fog signal:** 3 blasts every 30^s
			F. G	111	1	Same tower	Visible 0°–140°.
5890 *D 2370*	— — *Lighted Buoy*, E. of Muelle San Felipe	36 32 6 17	**Fl. G** period 3^s	8	3	Black buoy	
5900	— Muelle del Deposito Franco, E. corner.	36 32 6 17	**F. G**				
5910 *D 2372*	— — Center of Ciudad Mole.		**F. R**	49	3	White framework structure, red and white banded cylinder; 41.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—SOUTHWEST COAST						
	CADIZ BAY:	N. W.					
5920 *D 2376*	— Puerto Real, head of mole.	36 31 6 11	**F. R**		4	Lantern	
5930 *D 2382*	— Puerto de Santa Maria, E. side of entrance to Guadalete River, front.	36 35 6 13	**Qk. Fl. W** 60 fl. per min.	22	7	Gray iron tower; 20	Range lights.
5930. 1 *D 2384*	— — Rear, 219 yards 41° from front.		**Occ. W** period 4ˢ lt. 2ˢ, ec. 2ˢ	35	7	Gray iron tower; 33	
	SANCTIPETRI:						
5940 *D 2388*	— **Islet**, on N. end of Castillo de Sanctipetri.	36 23 6 13	**Fl. W** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	62	12	Square tower; 52	
	— Punta de las Piedras:						
5950 *D 2398*	— — Coto San Jose Range, front, about 0.8 mile E. of Castillo de Sanctipetri light.	36 23 6 12	**Qk. Fl. W** 60 fl. per min.		7		Range lights.
5950. 1 *D 2398.1*	— — — Rear, about 110 yards 50° from front.		**Occ. W** period 4ˢ lt. 2ˢ, ec. 2ˢ		7		
	— Punta del Boqueron:						
5960 *D 2404*	— — Batteria de Arrutia Range, front, about 0.8 mile 16° from Castillo de Sanctipetri light.	36 24 6 13	**Qk. Fl. W** 60 fl. per min.		7		Range lights.
5960. 1 *D 2404.1*	— — — Rear, about 110 yards 346° 30′ from front.		**Occ. W** period 4ˢ lt. 2ˢ, ec. 2ˢ		7		
5970 *D 2406*	**Cabo Trafalgar,** AVIATION LIGHT S. extremity.	36 11 6 02	**Gp. Fl. W. (3)** period 15ˢ fl. 0.4ˢ, ec. 1.8ˢ " 0.4ˢ, " 6.0ˢ " 0.4ˢ, " 6.0ˢ	163	19	White conical tower; 112.	
5980 *D 2408*	Barbate, about 0.7 mile NW. of mouth of Barbate River.	36 11 5 55	**Gp. Fl. (2)—W. R.** period 6ˢ fl. 0.4ˢ, ec. 0.4ˢ " 0.4ˢ, " 4.8ˢ	52	W. 9 R. 7	White post, hut; 30	W. 281°–15°, R.–95°, obsc.–258°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—SOUTHWEST COAST						
5990 *D 2409*	Rio Barbate Range, 0.9 mile 113° 30′ from Barbate light, front. **U.**	N. W. 36 10 5 55	**Fl. W** period 3^s	13	3	Triangular masonry pyramid; 7.	Range lights.
5990. 1 *D 2410*	— Rear 80 yards 58° 30′ from front. **U.**		**Fl. W** period 3^s	20	3	Wooden post with 2 platforms; 20.	
	STRAIT OF GIBRALTAR—NORTH SIDE*						
6000 *D 2412*	**Punta Paloma**	36 04 5 43	**Gp. Fl. W. (2)** period 5^s fl. 0.6^s, ec. 1.0^s " 0.6^s, " 2.8^s	146	13	White tower; 16	Visible 323°–25°, shows F. for a short distance on either side of this arc.
6010 *D 2415*	**Tarifa,** S. point of Tarifa Island.	36 00 5 37	**Gp. Fl. W. (3)** period 10^s fl. 0.4^s, ec. 1.8^s " 0.3^s, " 1.8^s " 0.4^s, " 5.3^s	128	17	White cylindrical tower; 102.	**Siren:** 3 blasts every 45^s.
			F. R	115	10	Same tower	Visible 89°–113°.
6020 *D 2416*	Puerto de Tarifa, W. Mole.		**F. R**	24	6	Lantern on tide-gauge hut; 14.	Obscured in part by E. mole.
6025 *D2418*	— E. mole head		**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	37	4	Metal tower on monument; 16.	Visible 249°–45°
6030 *D 2420*	**Punta Carnero,** W. side of Gibraltar Bay.	36 04 5 26	**Gp. Occ. (4)—W. R.** period 16^s lt 3.2^s, ec. 2^s " 0.8^s, " 2^s " 0.8^s, " 2^s " 3.2^s, " 2^s	132	W. 18 R. 14	Yellow conical tower, gray lantern and white cupola; 72.	R. 358°–18°, W. elsewhere. **Gun:** 1 report every 30^s.
6040 *D 2422*	ALGECIRAS: — Verde Island, S. part of fort.	36 07 5 26	**Gp. Occ. W. (4)** period 30^s lt 13^s, ec. 2^s " 3^s, " 2^s " 3^s, " 2^s " 3^s, " 2^s	63	13	White tower; 29	Visible 355°–325°. A F. G. light and a F. R. light mark the opening in the breakwater extending west from Verde Island.
6050 *D 2424*	— E. Breakwater, N. head.	36 08 5 26	**Qk. Fl. R** 60 fl. per min.	28	4	Iron tower; 6	
6060	— Head of Muelle de la Rivera.		**Fl. W** period 2^s	14	3		
6070 *D 2428*	— Galera Mole, NW. head.		**F. R**	22	1	Concrete post; 13	
6080 *D 2430*	— — SE. head		**F. G**	21	2	Concrete post; 13	

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*For lights on the south side of the Strait see Nos. 37290 to 37410.

STRAIT OF GIBRALTER—NORTH SIDE*

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ALGECIRAS:	N. W.					
6100	— Villanueva Basin, head of E. mole.	36 07 5 27	**F. R**	27	1	Concrete column; 17	
6110	— — Head of W. mole		**F. G**	15	1	Concrete column; 10	
6112	— Mole head, close S. of Alfonso XIII Mole.	36 07 5 27	**F. G**	16	2	Cylindrical concrete tower; 10.	
6120 *D 2436*	Puente Mayorga, 1.1 miles 93° from Rocadillo Tower.	36 11 5 23	**F. R**	24	3	Iron column on house; 22.	
	GIBRALTAR (BR.):						
6130 *D2438*	— **Europa Point,** Victoria Tower.	36 06 5 21	**Occ.—W. R** period 10^s W. lt. 5^s, ec. 5^s R. “6.7^s, “ 3.3^s Cp. W. 170,000 R. 34,000	162	19	White round tower; 61	W. 197°–47°, R.–70°, W.–125°. **Explosive:** 2 reports every 5 min. **Radiobeacon.**
			F. R Cp. 29,000	146	18	Same tower	Visible 47°–70°. Aviation light, 160 yards westward, flashes “GR” 4 times per minute.
6140 *D 2442*	— Head of S. mole	36 08 5 22	**Fl. W** period 5^s fl. 1.3^s, ec. 3.7^s Cp. 1,000	60	13	Cylindrical tower; 57	R. and G. lights are shown when any British Naval Vessels are about to enter or leave the harbor, and at such times no merchant or other private vessels must attempt to enter, leave, or move within British Admiralty waters. A F. R. light indicates N. entrance only is being used. A F. G. light S. entrance. R. and G. (vertical) both entrances. **Bell:** 1 stroke every 10^s.
6160 *D 2446*	— N. head of detached mole. U.		**Alt. — W. R** period 3^s W. 1.5, R. 1.5^s Cp. under 100	35		Iron skeleton tower; 25	Obscured 339°–356°.

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*For lights on the south side of the Strait see Nos. 37290 to 37410.

STRAIT OF GIBRALTER—NORTH SIDE*

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GIBRALTER (RR.):	N. W.					
6170 *D 2448*	— S. head of N. mole	36 08 5 22	**Occ. W** period 20^{s} lt. 17^{s} ec. 3^{s} Cp. 500	60		Cylindrical tower; 57	R. and G. lights are shown above this light when any British Naval Vessels are about to enter or leave the harbor, and at such times, no merchant or other private vessels must attempt to enter, leave, or move within British Admiralty waters. Storm signals.
6172	Jetty No. 3, head		**F. R.**				

SPAIN—MEDITERRANEAN SEA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BLACKSTRAP BAY						
6200	— *Lighted Buoy,* about 2.6 miles 18° from Great Europa Pt.	36 09 5 20	**QK. Fl. W**			Yellow buoy	
6202	— Lighted Buoy, about 2.8 miles 27° from Great Europa Pt.	36 09 5 19	**Qk. Fl. W**			Yellow buoy	
6205	— *LIGHT FLOAT*	36 09 5 18	**2 Int. Qk. Fl. W**			Yellow float	
6210 *E 0054*	**Punta Doncella**	36 25 5 09	**Gp. Fl. W. (3)** period 15^{s} fl. 0.3^{s}, ec. 6.0^{s} " 0.3^{s}, " 6.0^{s} " 0.4^{s}, " 2.0^{s}	102	16	Black octagonal pyramidal tower, gray lantern and cupola, white dwelling; 69.	
6220 *E 0055*	Estepona Breakwater, head.		**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	29	5	Iron framework post; 17.	**Temporarily replaced by F. G. light.**
6230 *E 0056*	**Marbella,** 220 yards W. of town.	36 30 4 53	**Gp. Fl. R. (3)** period 12^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 1.5^{s} " 0.5^{s}, " 7.5^{s}	52	10	Gray lantern on tower of yellow dwelling; 36.	
6232	— Head of loading platform.	36 30 4 52	**Qk. Fl. W** 60 fl. per. min.	82	5	Metal tower on concrete base	
6240 *E 0058*	**Punta Calaburras,** AVIATION LIGHT.	36 30 4 38	**Fl. W** period 5^{s} fl. 0.3^{s}, ec. 4.7^{s}	151	18	White truncated conical tower; 83.	Characterized by number of flashes rather than by period.
	MALAGA:						
6246	— AVIATION LIGHT	36 40 4 29	**Fl. W** period 7.5^{s}	98	16	Truncated pyramidal framework tower; 49.	

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*For lights on the south side of the Strait see Nos. 37290 to 37410.

SPAIN—MEDITERRANEAN SEA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MALAGA:	N. W.					
6250 *E 0062*	— **San Nicholas Battery.**	36 43 4 25	**Gp. Fl. W. (4)** period 20^s fl. 0.2^s, ec. 2.3^s " 0.2^s, " 2.3^s " 0.2^s, " 7.3^s " 0.2^s, " 7.3^s	125	17	White conical tower on 2 story dwelling; 108.	Faint F. W. light visible between flashes, within 7 miles. A F. R. light is shown from the top and an Occ. R. light, 33 feet below on the radio mast, 1,120 yards 12° from San Nicholas Battery light.
6260 *E 0064*	— Head of E. mole		**Gp. Fl. G** period 10^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 1.2^s " 0.3^s, " 6.7^s	42	5	Conical masonry tower; 23.	
6270 *E 0066*	— Near head of W. mole.		**Gp. Fl. R. (2)** period 6^s fl. 0.3^s, ec. 0.4^s " 0.3^s, " 5.0^s	42	5	Conical masonry tower; 23.	
6280	— Fishing Basin in outer harbor, head of N. spur mole.	36 42 4 25	**Qk. Fl. G** 60 fl. per min.		2	Truncated conical structure; 11.	
6290 *E 0067.5*	— — Head of S. spur mole.		**Qk. Fl. R** 60 fl. per min.		2	Truncated conical structure; 11.	
6300 *E 0068*	— Head of E. inner mole.		**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	23	2	Conical masonry tower; 16.	
6310 *E 0070*	— Head of W. inner mole.		**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	23	2	Conical masonry tower; 16.	
6320 *E 0072*	Torre del Mar o Vélez	36 44 4 06	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	46	7	Gray and white square masonry tower with aluminum cupola, 36.	Storm signals.
6330 *E 0074*	**Punta Torrox**	36 43 3 57	**Gp. Fl. W. (4)** period 15^s fl. 0.9^s, ec. 1.9^s " 0.9^s, " 1.9^s " 0.9^s, " 1.9^s " 0.9^s, " 5.7^s	95	15	Yellow conical tower; 75.	

SPAIN—MEDITERRANEAN SEA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
6340 *E 0076*	**Motril,** head of E. mole U.	36 43 3 30	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	23	6	Green iron pyramidal tower; 16.	
6360 *E0080*	**Cabo Sacratif**	36 41 3 28	**Gp. Fl. W. (2)** period 10^s fl. 0.2^s, ec. 2.3^s " 0.2^s, " 7.3^s	320	25	White conical tower, dwelling; 56.	
6370 *E 0088*	**Adra,** on point W. of castle.	36 45 3 02	**Gp. Occ. W. (3)** period 15^s lt. 5.8^s, ec. 1.8^s " 1.9^s, " 1.8^s " 1.9^s, " 1.8^s	121	17	Yellow conical tower; 42.	
6380 *E 0089.5*	— on W. mole		**Gp. Fl. R. (2)** period 6^s fl. 0.3 , ec. 0.4^s " 0.3^s, " 5.0^s	26	5	Post; 13	A Fl. G. light period 5^s, vis. 4 mi., is shown on head of E. mole.
6390 *E 0090*	**Punta Sabinal**	36 41 2 42	**Gp. Fl. W. (3)** period 10^s fl. 0.4^s, ec. 1.0^s " 0.4^s, " 3.9^s " 0.4^s, " 3.9^s	105	16	White cylindrical tower on square dwelling; 98.	
6400 *E 0092*	**Roquetas,** head of mole	36 45 2 36	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s	24	10	Black iron tower	
	ALMERIA:						
6410 *E 0096*	— Head of W. breakwater.	36 50 2 28	**Occ. W** period 5^s lt. 4^s, ec. 1^s	49	11	White tower on dwelling; 36.	
6420 *E 0098*	— Head of E. breakwater.	36 50 2 28	**F. G**	39	5	Iron tower; 10	
6430 *E 0102*	— Head of Ore Wharf No. 2.		**Fl. G** period 5^s fl. 2^s, ec. 3^s	46	5	Dark red square wooden structure; 33.	
6440 *E 0100*	— Head of Ore Wharf No. 1.		**Occ. G** period 3^s lt. 2^s, ec. 1^s	66	5	Red cylindrical iron structure; 60.	
6450	— *Punta del Rio Lighted Buoy.*	36 48 2 26	**Qk. Fl. G** period 0.9^s fl. 0.3^s, ec. 0.6^s	10	5	Black cylindrical buoy	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

SPAIN—MEDITERRANEAN SEA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
6460 *E 0106*	**Cabo del Gata,** in San Francisco Castle.	36 43 2 11	F. Fl. W period 4ˢ F. 3.6ˢ, Fl. 0.4ˢ	194	Fl. 20 F. 17	White cylindrical tower; 59.	Within 10 miles the light is obscured by land when bearing N. of 267°.
6470 *E 0108*	**Mesa de Roldán**	36 56 1 54	F. W., Gp. Fl. W. (4) period 30ˢ fl. 0.3ˢ, ec. 4.7ˢ " 0.3ˢ, " 4.7ˢ " 0.3ˢ, " 4.7ˢ " 0.3ˢ, " 1.0ˢ F. 12.7ˢ, ec. 1.0ˢ	728	Fl. 31 F. 22	White octagonal tower; 65.	
6480 *E 0110*	**La Garrucha,** between village of La Garrucha and Castle Jesus Nazareno.	37 10 1 49	Gp. Occ. W. (4) period 15ˢ lt. 5.0ˢ, ec. 1.2ˢ " 1.6ˢ, " 1.3ˢ " 1.7ˢ, " 1.3ˢ " 1.6ˢ, " 1.3ˢ	61	11	White tower; 33	A F. G. light, visible 1 mile, at head of E. breakwater marks construction.
6481 *E 0111*	**— Digue de Levante, head of mole.**	**37 11 1 49**	**Fl. G period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ**	**30**	**4**	**White truncated tower; 15.**	
6482 *E 0112*	**— Digue de Poniente, 220 yards 336° from Digue de Levante.**	**37 11 1 49**	**Gp. Fl. R. (2) period 6ˢ** fl. 0.3ˢ, ec. 0.9ˢ " 0.3ˢ, " 4.5ˢ	**21**	**5**	**White truncated tower; 10.**	
6490 *E 0114*	**Aguilas,** on Punta Negra, W. of the port.	37 24 1 34	Gp. Occ. W. (4) period 20ˢ lt. 1.5ˢ, ec. 2ˢ " 1.5ˢ, " 2ˢ " 4.5ˢ, " 2ˢ " 4.5ˢ, " 2ˢ	46	12	Gray octagonal tower, light gray building; 26.	Visible over an arc of 270°.
6500 *E 0116*	— Near head of mole		F. R	30	7	Wooden post; 16	A F. R. light is shown at Muelle Martillo inside harbor.
6510 *E 0118*	Hornillo, head of mole	37 24 1 33	F. G	46	5	Black iron post; 4	Visible 257°–265° and 278°–350°.
6520 *E 0120*	**Mazarron,** S. of port	37 33 1 15	Gp. Occ. W. (3) period 15ˢ lt. 1.5ˢ, ec. 1.5ˢ " 4.5ˢ, " 1.5ˢ " 4.5ˢ, " 1.5ˢ	203	15	White building with gray lantern; 26.	
6530 *E 0124*	**Cabo Tinoso**	37 32 1 06	Gp. Occ. W. (3) period 20ˢ lt. 7.5ˢ, ec. 2.5ˢ " 2.5ˢ, " 2.5ˢ " 2.5ˢ, " 2.5ˢ	479	27	White cylindrical tower, dwelling; 33.	
	CARTAGENA:						
6540 *E 0126*	**— Escombrera Island, summit.**	**37 33 0 58**	**Fl. W period 2ˢ fl. 0.5ˢ, ec. 1.5ˢ**	**213**	**16**	**Cylindrical tower with yellow lantern on dwelling; 26.**	**Visible 277°–78°.**
6551	**— — NE corner of pier.**	**37 34 0 57**	**F. G**	**21**		**Iron post; 11.**	
6552	**— — NW corner of pier.**	**37 34 0 57**	**F. R**	**21**		**Iron post; 11.**	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—MEDITERRANEAN SEA						
	CARTAGENA:	N. W.					
6553 *E0127*	— Las Losas Rocks, about 1 mile 343° from Escombrera Island Light.	37 34 0 58	**Fl. W** period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	-----	6	Black and white checkered octagonal tower, truncated base.	
6560 *E 0128*	— **Head of Navidad Mole,** W. side of entrance to port.	37 35 0 59	**Fl. R** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	49	10	White cylindrical masonry tower, red cupola; 36.	
6570 *E 0130*	— **Head of Curra Breakwater.**	-------	**Fl. G** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	46	7	White cylindrical masonry tower, green cupola; 36.	A F. G. light is shown from the Yacht Club landing.
6572	— **Santa Lucia Mole, about 0.5 mile 61° 30′ from Curra Breakwater Light.**	-------	**F. R**	23	-----	Post; 15	
6573	— **NW. corner Muelle Figueroa.**	-------	**F. G**	23	-----	Post; 15	
6580 *E 0134*	**Puerto de Porman,** E. side of entrance, summit of hill over Chapa Point.	37 35 0 50	**Occ. W** period 3.3^{s} lt. 2.5^{s}, ec. 0.8^{s}	161	11	White tower, dwelling; 26.	Visible over an arc of 270°.
6590 *E 0136*	— W. side of port near head of mole.	37 35 0 51	**F.—W. R**	15	3	---------------------	R. to seaward, W. elsewhere.
6600	**Cabo de Palos,** summit	37 38 0 41	**F. Gp. Fl. (2)—W.** period 15^{s} fl. 0.4^{s}, F. 3.3^{s} " 0.4^{s}, " 10.9^{s}	263	Fl. 23 F. 18	Gray tower, dwelling; 164.	
6610 *E 0138*	**Hormiga Grande Islet,** summit. **U.**	37 39 0 39	**Gp. Fl. W. (3)** period 7.5^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 1^{s} " 0.5^{s}, " 4^{s}	79	11	Gray tower, dwelling; 38.	
6620 *E 0140*	**El Estacio,** on Manga Point. **U.**	37 45 0. 43	**Gp. Fl. W. (2)** period 15^{s} fl. 4^{s}, ec. 5^{s} " 1^{s}, " 5^{s}	69	12	Yellow tower, dwelling; 49.	Fl. R. and Fl. G. lights are shown from moleheads at San Javiet (Mar Menor).
6631	San Javier AVIATION LIGHT.	37 47 0 48	**Fl. W** period 6^{s}	-----	-----	---------------------	*Occasional.*

PART II
First Edition

SPAIN—MEDITERRANEAN SEA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
6640 *E 0142*	San Pedro del Pinatar, Range, front.	37 50 0 46	**Qk. Fl. W** 60 fl. per min.	16	7	Wooden triangular structure, black and white stripes; 16.	Range lights.
6640. 1 *E 0144*	— Rear, 65 yards, 271° from front		**Occ. W** period 2^s lt. 1^s, ec. 1^s	33	7	Wooden triangular structure, black and white stripes; 26.	
6650 *E 0146*	**Torrevieja,** head of E. breakwater.	37 58 0 41	**Fl. W** period 2^s lt. 0.5^s, ec. 1.5^s	47	10	Gray iron framework tower; 33.	
6660 *E 0148*	**Tabarca (Plana) Island,** center of island. **U.**	38 10 0 28	**Gp. Fl. W. (3)** period 7.5^s fl. 0.5^s, ec. 1^s " 0.5^s, " 1^s " 0.5^s, " 4^s	92	12	Yellow square tower on white dwelling; 36.	
6670	*Nao Shoal Lighted Whistle Buoy,* about 1.6 miles E. of Tabarca Island.	38 09 0 26	**Qk. Fl. G** 150 fl. per min.		7	Black buoy	**Whistle.**
6700 *E 0152*	**Cabo Santa Pola,** Talayola Tower, E. part of cape.	38 12 0 31	**F. Gp. Fl. W. (3).** period 20^s fl. 0.2^s, F. 2.6^s " 0.2^s, " 8.4^s " 0.2^s, " 8.4^s	498	Fl. 27 F. 16	White square tower; 49	Visible over an arc of 270°.
6705 *E 0156*	— Head of mole	38 11 0 34	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	27	10	Iron pylon	
6710 *E0158*	ALICANTE: — Head of outer breakwater.	38 20 0 29	**Gp. Occ. W. (4).** period 20^s lt. 5.8^s, ec. 1.4^s " 5.8^s, " 1.4^s " 1.4^s, " 1.4^s " 1.4^s, " 1.4^s	46	12	Gray skeleton structure; 30.	Visible 254°–10°, except where obscured by Tabarca Island.
6720 *E 0162*	— Head of E. mole	38 20 0 29	**F. G**	23	5	Iron column; 13	Visible over an arc of 260°.
6730 *E 0164*	— Head of W. mole		**F. R**	23	7	Iron column; 13	Visible over an arc of 264°.
6732	— Fishing Harbor, elbow of mole.		**Fl. R** period 1.5^s fl. 0.2^s, ec. 1.3^s	30	2	Steel framework hut; 23.	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
6740 *E 0166*	**Cabo de las Huertas**	N. W. 38 21 0 24	**Gp. Fl. W. (5)** period 25^s fl. 1^s, ec. 2^s " 1^s, " 2^s " 1^s, " 7^s " 1^s, " 2^s " 1^s, " 7^s	122	17	White cylindrical tower; 26.	
6760 *E 0170*	Punta Alcoco	38 30 0 12	**Gp. Fl. G. (4)** period 20^s fl. 1^s, ec. 6^s " 1^s, " 2^s " 1^s, " 2^s " 1^s, " 6^s	43	12	Black iron framework tower; 36.	
6770 *E 0172*	Isolate de Benidorme	38 30 0 08	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	62	8	White conical tower; 13.	
6780 *E0174*	ALTEA BAY: — **Punta del Albir**	38 34 0 03	**Gp. Occ. W. (2)** period 15^s lt. 2.5^s, ec. 2.5^s " 7.5^s, " 2.5^s	367	12	White cylindrical tower, dwelling; 26.	
6782	— E. breakwater	38 35 0 03	**Gp. Fl. G. (3)** period 8^s fl. 0.2^s, ec. 1.8^s " 0.2^s, " 1.8^s " 0.2^s, " 3.8^s		4		
6784	— W. breakwater		**Gp. Fl. R. (2)** period 6^s fl. 0.4^s, ec. 1.6^s " 0.4^s, " 3.6^s		4		
6790 *E0175.4*	Calphe, S. breakwater	N. E. 38 38 0 04	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	32	6	Iron framework tower; 20.	
6800 *E0175.2*	— W. breakwater		**Gp. Fl. R. (4)** period 10^s fl. 0.4^s, ec. 1.6^s " 0.4^s, " 1.6^s " 0.4^s, " 1.6^s " 0.4^s, " 3.6^s	26	6	Iron framework tower; 16.	

BALEARIC ISLANDS (S.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
6810 *E 0250*	FORMENTERA ISLAND: — **Punta Codolar,** SE. point of island.	N. E. 38 40 1 35	**F. Fl.,—W** period 5^s fl. 1.1^s, F. 3.9^s	466	F. 16 Fl.29	Red tower on white dwelling; 72.	
6820 *E 0252*	— **Punta Cala Sabina,** W. side of island.	38 44 1 25	**Gp. Fl. W. (4)** period 14^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 7.5^s	43	10	Gray conical tower; 31.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

BALEARIC ISLANDS (S.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
6830 *E 0256*	Espardell Island, N. point.	38 48 1 29	**Gp. Fl. W. (3)** period 7.5^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 1^{s} " 0.5^{s}, " 4^{s}	69	11	White conical tower; 51	
6840 *E 0254*	**Puercos (Póu) Islet,** NW. side, S. side of channel between Formentera and Iviza.	38 48 1 25	**Gp. Fl. W. (2)** period 10^{s} fl. 1^{s}, ec. 2^{s} " 1^{s}, " 6^{s}	92	15	Gray tower; 82	Characterized by grouping rather than by period.
	IBIZA :						
6850 *E 0260*	Ahorcados Island, S. point, N. side of channel between Formentera and Iviza.	38 49 1 25	**Gp. Occ. W. (3)** period 15^{s} lt. 5.0^{s}, ec. 1.2^{s} " 1.2^{s}, " 1.3^{s} " 5.0^{s}, " 1.3^{s}	88	15 17	Yellow tower; 56	
6860 *E 0274*	— **Conejera Island,** Cabo Blanco, W. side of Iviza.	39 00 1 13	**Gp. Fl. W. (4)** period 20^{s} fl. 0.3^{s}, ec. 3.0^{s} " 0.3^{s}, " 3.0^{s} " 0.3^{s}, " 3.0^{s} " 0.3^{s}, " 9.8^{s}	289	24	White tower, dwelling; 54.	
6870 *E 0276*	— Bleda Plana Islet U.	38 59 1 10	**Fl. W** period 1.3^{s} fl. 0.3^{s}, ec. 1^{s}	80	10	White conical tower; 13	
6880 *E 0272*	— Port San Antonio, N. shore at Covas Blancas.	38 59 1 18	**Fl. W** period 2.5^{s} fl.0. 8^{s}, ec. 1.7^{s}	72	9	Red octagonal tower, dwelling; 33.	Visible over an arc of 270°
6890 *E 0268*	— **Tagomago Island,** SE. end, off NE. point of Iviza.	39 02 1 39	**Gp. Fl. (3)—W. R.** period 15^{s} fl. 0.3^{s}, ec. 2.1^{s} " 0.3^{s}, " 6.0^{s} " 0.3^{s}, " 6.0^{s}	256	22	Octagonal gray masonry tower on rectangular building; 49.	W. 131°–37°, R.–43°30′. obscured elsewhere.
6900 *E 0264*	— **Botafoch Islet,** E. side of entrance to Port Iviza, on summit.	38 54 1 27	**Occ.—W. R** period 6.7^{s} lt. 5^{s}, ec. 1.7^{s}	122	10	Gray masonry tower, white cupola; 69.	R. 33°–42°. Obscured when bearing less than 270°; W.–33°.
6910	— *Port Iviza Lighted Buoy,* off head of breakwater.	38 55 1 27	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	10	6	Black buoy	
6920 *E 0262*	— Dado Grande Islet U.	38 53 1 27	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	43	8	Gray iron tower; 20	
6930 *E 0266*	— Port Ibiza, head of jetty.	38 55 1 27	**Gp. Fl. R. (2)** period 6^{s} fl. 0.3^{s}, ec. 1.2^{s} " 0.3^{s}, " 4.2^{s}	46	10	Concrete tower, gray lantern; 23.	Obscured on bearings more than 345°. **F. R.** light (*provisional*) on NE. corner of mole about 0.22 mile 269° from Breakwater light.

SPAIN—BALEARIC ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
6940 *E 0278*	IBIZA: — Vedra Islet, W. end. U.	N. E. 38 52 1 11	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	51	10	White conical tower; 13.	Obscured 124°–262°.
6950 *E 0338*	CABRERA ISLANDS: — **Punta Anciola,** S. end.	39 08 2 55	**Gp. Fl. W. (3)** period 10^s fl. 0.4^s, ec. 1.6^s " 0.4^s, " 1.6^s " 0.4^s, " 5.6^s	387	27	Light yellow tower, dwelling; 72.	
6952 *E 0339*	— Puerto de Cabrera, head of mole.	39 09 2 56	**Gp. Fl. R. (2)** period 6^s fl. 0.4^s, ec. 1.2^s " 0.4^s, " 4.0^s	-----	4	White octagonal column; 8.	
6960 *E 0340*	— Horadada Islet, S. side of Cabrera Channel.	39 12 2 59	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	87	10	Cylindrical tower; 37.	
6970 *E 0314*	MAJORCA: — **Punta de las Salinas,** S. point of Majorca.	39 16 3 03	**Gp. Occ. W. (5)** period 20^s lt. 5.2^s, ec. 1.2^s " 5.2^s, " 1.2^s " 1.2^s, " 1.2^s " 1.2^s, " 1.2^s " 1.2^s, " 1.2^s	56	12	Gray conical tower, white dwelling; 33.	Obscured 229°–264°.
6973 *E 0314.5*	— Puerto de Campos, head of jetty.	39 19 3 00	**Qk. Fl. R** 60 fl. per min.	-----	3	Truncated pyramidal iron framework tower; 9.	
6980 *E 0316*	— **Cabo Blanco,** SW. side of Majorca.	39 22 2 47	**Gp. Occ. W. (5)** period 20^s lt. 5.2^s, ec. 1.2^s " 1.2^s, " 1.2^s " 1.2^s, " 1.2^s " 5.2^s, " 1.2^s " 1.2^s, " 1.2^s	312	12	Gray tower, dwelling; 36.	
6990 *E 0330*	— Palma Bay: — — **Punta Cala Figuera,** W. side of entrance.	39 27 2 31	**Gp. Occ. W. (2)** period 10^s lt. 1.5^s, ec. 1.4^s " 5.7^s, " 1.4^s	115	11	Yellow tower; 46.	

SPAIN—BALEARIC ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
7000 *E0318*	MAJORCA: — Palma Bay: — — **Puerto Pi,** S. side on entrance.	N. E. 39 33 2 37	**Gp. Fl. W. (2)** period 15^s fl. 0.3^s, ec. 3.4^s " 0.3^s, " 11	135	17	Gray masonry tower; 125.	A. F. R. marks work in progress on Digue del Oeste.
7002 *E 0317*	— — West Breakwater, on corner of second and third arm.	39 33 2 38	**Gp. Fl. W. (4)** period 10^s	43	8	Framework structure	A Fl. W. light exists on elbow of mole about 0.6 mile W.
7010 *E0320*	— — Palama, head of main breakwater.	39 34 2 38	**Fl. G** period 2^s	59	4	Gray octagonal tower on cylindrical dwelling; 36.	6 F. G. lights mark outer corners of three spurs on inner side of breakwater. 4 F. R. lights and a F. G. light are shown from inner moles.
7020	— — — AVIATION LIGHT	39 36 2 42 39 28	**Gp. Fl. W. (2)** period 3.3^s	186	17	Control tower; 54	Visible 350°–48°30′. *Occasional.*
7030 *E 0332*	— **Toro Islet,** W. of Cabo Cala Figuera. **U.**	39 28 2 28	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	103	11	White conical tower; **46**	
7040 *E 0336*	— **Puerto de Andraitx,** W. head of mole.	39 32 2 23	**Qk. Fl. W** **60 fl. per min.**	39	11	Conical masonry tower; 30.	Visible 60°–104° and within port.
7050 *E 0337*	— —, Head of inner mole.	39 33 2 23	**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	-----	4	Iron post; 11	
7060 *E 0282*	— Dragonera Island: — — **Cabo Llebeitx,** SW. point of island.	39 34 2 18	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s	417	27	Gray tower, dwelling with red roof; 43.	Visible 260°–200°.
7070 *E 0284*	— — **Punta Tramontana,** on N. extremity island.	39 36 2 20	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 7.2^s	177	18	White tower, dwelling; 35.	Visible 100°–23°.
7080 *E 0286*	— Port Soller: — — **Punta Cap Gros,** W. side of entrance to port.	39 48 2 41	**F. W**	387	13	Gray tower, dwelling with red roof; 62.	
7090 *E 0288*	— — Punta de la Creu, E. point of entrance.	39 48 2 41	**Fl. W** period 2.5^s fl. 0.5^s, ec. 2.0^s	115	16	White tower; 43	
7100 *E 0294*	— — Head of S. mole	-------	**F. R**	22	10	Post; 16	A F. R. light is shown on head of SE. mole.
7102	— — Elbow of NE (new) mole.	39 48 2 42	**F. G**	19	2	Lamppost; 16	
7103	— — Head of NE. (new) mole.	39 48 2 42	**F. R**	19	2	**Lamppost; 16**	
7120 *E 0296*	— **Cabo Formentor,** N. point of island.	39 58 3 13	**Gp. Fl. W. (4)** period 20^s fl. 0.4^s, ec. 2.9^s " 0.4^s, " 2.9^s " 0.4^s, " 2.9^s " 0.4^s, " 9.7^s	686	30	Dark gray tower, dwelling; 69.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—BALEARIC ISLANDS						
	MAJORCA:	N. E.					
7130 *E 0298*	— Pollensa Bay, Punta de la Avanzada.	39 54 3 07	**Gp. Occ. W.** (2) period 10^s lt. 5.0^s, ec. 1.9^s " 1.2^s, " 1.9^s	79	14	Gray octagonal tower on rectangular dwelling; 38.	Visible 237°30′–276°30′ and in Pollensa Bay, except between 147°–181°30′.
7140 *E 0300*	— Puerto de Pollensa, head of N. breakwater.	39 54 3 05	**Fl. G.** **period 3^s** **fl. 0.5^s, ec. 2.5^s**	10	4	Post	
7141 ***E 0302***	**— Puerto de Pollensa, head of S. breakwater.**		**Gp. Fl. R. (2)** **period 6^s** **fl. 0.5^s, ec. 1.5^s** **" 0.5^s, " 3.5^s**		6		
7145 ***E 0306***	**— Alcudia, head of old mole.**	39 50 3 08	**Fl. G.** **period 3^s** **fl. 0.5^s, ec. 2.5^s**	15	4	**Square concrete tower**	
7147 ***E 0307***	**— Pta del Castillo, head of breakwater**	39 50 3 08	**Gp. Fl. G. (3)** **period 6^s** **fl. 0.3^s, ec. 1.2^s** **" 0.3^s, " 1.2^s** **" 0.3^s, " 2.7^s**	30	5	**Hexagonal tower**	
7150 *E 0304*	— Aucanáda Island, summit N. side of Alcuda Bay.	39 50 3 10	**Gp. Occ. W.** (4) period 20^s lt. 5.7^s, ec. 1.4^s " 5.7^s, " 1.4^s " 1.5^s, " 1.4^s " 1.5^s, " 1.4^s	78	8	Gray masonry tower, yellow dwelling; 46.	
7155 *E 0308*	— **Cabo de Pera,** summit, E. point of Majorca.	39 43 3 29	**Gp. Fl. W.** (5) period 20^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 6.0^s " 0.3^s, " 2.2^s " 0.3^s, " 2.2^s " 0.3^s, " 5.9^s	246	22	Gray tower, white dwelling, red roof; 56.	
7157	— Cala Ratjada, head of mole.	39 43 3 28	**Fl. G.** period 2^s fl. 0.2^s, ec. 1.8^s		3		
7160 *E 0309*	— Cala Manacor, at entrance.	39 32 3 20	**Fl. R.** period 3^s fl. 0.3^s, ec. 2.7^s	65	5	Masonry tower; 18	
7162	— Head of mole on Punta des Pelats.	39 32 3 20	**Gp. Fl. R.** (2) period 6^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 3.5^s		4		

PART II
First Edition

SPAIN—BALEARIC ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MAJORCA:	N. E.					
7170 *E 0310*	— **Colom,** NE. point of entrance, SE. side of Majorca.	39 25 3 16	**Gp. Occ. W. (7)** period 20^s fl. 4^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s " 4^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s	82	15	Gray tower, white dwelling, red roof; 26.	Obscured 203°–214°.
7173	— SE. corner of mole at Puerto Colom.	39 25 3 16	**Gp. Fl. R. (2)** period 6^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 3.5^s	-----	4	-----	
7175 *E0312*	— Head of mole, Puerto Petro.	39 22 3 12	**Gp. Fl. R. (2)** period 6^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 3.5^s	-----	4	-----	
7176	— Cala Figuera, head of jetty.	39 20 3 10	**Qk. Fl. R.** **60 fl. per min.**	-----	3	Truncated pyramidal framework tower; 9.	
7180 *E 0366*	— **Aire Island,** summit, off SE. point of Minorca.	39 48 4 18	**F. Fl. W** period 60^s	171	Fl. 19 F. 16	White concrete tower, dwelling; 118.	
	MINORCA:						
7190 *E 0342*	— **Cabo Dartuch,** SW. point of Minorca.	39 55 3 49	**F. Gp. Fl. W. (3)** period 30^s fl. 0.3^s, ec. 5.6^s " 0.3^s, " 5.5^s " 0.3^s, " 2.0^s F. 14.0^s, " 2.0^s	82	15	White tower, dwelling; 49.	
7200 *E 0344*	— Ciudadela, Cabo Frares, W. side of entrance.	40 00 3 49	**Gp. Occ. W. (5)** period 20^s lt. 5.2^s, ec. 1.2^s " 1.2^s, " 1.2^s " 1.2^s, " 1.2^s " 5.2^s, " 1.2^s " 1.2^s, " 1.2^s	62	12	White tower, dwelling; 33.	
7201 ***E0346.5***	**— — N. side of fairway, about 0.095 mile 61° from Ciudadela Light.**	-------	**Gp. Fl. R. (2)** **period 10^s**	-----	3	-----	
7202 ***E0347***	**— — S. side of fairway, about 350 yards 68°30′ from Ciudadela Light.**	-------	**Fl. G** **period 3^s** **fl. 1^s, ec. 2^s**	-----	3	-----	
7210 *E 0348*	**Cabo Nati,** NW. point of Minorca.	40 03 3 49	**Gp. Fl. W. (4)** period 20^s fl. 0.4^s, ec. 2.1^s " 0.4^s, " 2.1^s " 0.4^s, " 7.1^s " 0.4^s, " 7.1^s	138	18	White truncated pyramidal tower; 43.	Visible 37°–265°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—BALEARIC ISLANDS						
	MINORCA:	N. E.					
7220 *E 0350*	— **Cabo Caballeria,** N. extremity of island.	40 05 4 05	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 1.7^s " 0.3^s, " 7.7^s	308	24	White tower, dwelling; 46.	
7230 ***E 0355***	— Port Fornell Range, front.	40 05 4 08	**Qk. Fl. W** 60 fl. per min.	45	4	White pyramidal tower; 20.	Range lights.
7230. 1 ***E 0355.1***	— — Rear, about 0.6 mile 178°30′ from front.		**Occ. W.** period 4^s lt. 2^s, ec. 2^s	76	11	White pyramidal tower; 30.	
7240 *E 0352*	— **Cabo Favaritx,** NE. side of island.	40 00 4 16	**Gp. Fl. W. (3)** period 10^s fl. 0.4^s, ec. 1.0^s " 0.4^s, " 3.9^s " 0.4^s, " 3.9^s	151	18	Cylindrical tower, dwelling; 89.	
	— Port Mahón:						
7250 *E 0354*	— — **Punta San Carlos,** S. side of entrance to port.	39 52 4 18	**Gp. Occ. W. (4)** period 15^s lt. 6.2^s, ec. 1.3^s " 1.2^s, " 1.3^s " 1.2^s, " 1.3^s " 1.2^s, " 1.3^s	72	9	White iron mast; 20	
7260	— — *San Carlos Rocks Lighted Buoy,* off Punta San Carlos.	39 52 4 18	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	11	6	Red buoy	
7270	— — *Fuera Rocks Lighted Buoy,* S. of Punta Fuera.	39 52 4 19	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	11	6	Black buoy	
7280 *E 0356*	— — Punta Lazareto	39 52 4 18	**F. G**	40	6	Green column spiral staircase, cylindrical masonry base; **26**	
7290 *E 0360*	— — Punta de Ne Cafayes (Cala Fonts) (Villacarlos).	39 53 4 18	**F. R**	27	4	White hut	
7294 ***E 0361***	— — Hospital Island, S. extremity.	39 53 4 17	**Fl. G** period 3^s fl. 0.5^s, ec. 2.5^s	43	4	Concrete beacon	
7300 *E 0364*	— — Pinta Island, S. point.		**F. G**				F. G. lights are shown from heads of piers at Naval Base.
7310 *E 0362*	— — Punta de Cala Figuera. **U.**		**F. R**	20	5	Facade of house	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—MEDITERRANEAN SEA						
7320 *E 0176*	**Cabo de la Nao**	N. E. 38 44 0 14	**Fl. W** period 5ˢ fl. 0.2ˢ, ec. 4.8ˢ	394	27	White octagonal tower, dwelling; 66.	
7330 *E 0178*	JAVEA BAY: — About 1,695 yards 237° from Cabo de San Antonio light, front.	38 48 0 11	**F. R**		1	Wooden post; 23	Range lights.
7330. 1 *E 0178 1*	— — Rear, about 35 yards 290° from front.		**F. R**		1	Wooden support on wall of house; 27.	
7341	**— Head of outer mole**	38 47 00 11	**F. G**	29	3	Wooden post; 10	
7342	**— Head of inner mole**	38 47 00 11	**F.—R. W**	6	1	Wooden post	R. marks harbor entrance E. of 0°.
7350 *E 0180*	**Cabo de San Antonio,** extremity.	38 48 0 12	**Gp. Fl. W. (4)** period 10ˢ fl. 0.4ˢ, ec. 1.3ˢ " 0.4ˢ, " 1.3ˢ " 0.4ˢ, " 1.3ˢ " 0.4ˢ, " 4.5ˢ	571	31	White cylindrical tower, green lantern, dwelling; 52.	Visible seaward over an arc of 240°. Signal station.
7360 *E 0184*	DENIA: — Range, on head of pier, front.	38 50 0 07	**F. R**	33	7	Post	Range lights, visible 138°–318°
7360. 1 *E 0186*	— — Rear, 153 yards 228° from front.		**F. R**	47	7	Mast; 39	
7370 *E 0190*	— Head of N. breakwater.	38 51 0 07	**F. G**	33	2	Iron column; 30	
7380	— North breakwater, off angle.	38 51 0 07	**F. G**	8		Masonry structure, black conical top mark.	
7390 *E 0188*	— Near head of S. breakwater.		**F. W**	24	1	Iron column; 20	
7400	— About 310 yards 245° from light near head of S. breakwater.		**F. G**	7		Masonry structure, black conical top mark.	
7410 *E 0194*	**Gandia,** near head of N. mole.	N. W. 39 00 0 09	**Fl. G** period 6ˢ fl. 1ˢ, ec. 5ˢ	44	7	Gray column; 20	A F. W. light is located on the same mole about 140 yards from the outer end.
7420 *E 0196*	— Head of S. mole		**F. R**	16	2	Iron tripod; 7	
7430 *E 0198*	**Cabo Cullera,** E. extremity.	39 11 0 13	**Occ. W** period 7.5ˢ lt. 5.6ˢ, ec. 1.9ˢ	92	15	White conical tower; 52	
7440	— AVIATION LIGHT	39 30 0 28	**Alt. Fl.— W. G.**	213	21	Tower; 49	*Occasional.*

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—MEDITERRANEAN SEA						
	VALENCIA:	N. W.					
7450 *E 0200*	— **Dique del Norde,** outer.	39 27 0 18	**Gp. Fl. W. (5)** period 20^{s} fl. 0.4^{s}, ec. 1.8^{s} " 0.4^{s}, " 1.8^{s} " 0.4^{s}, " 1.8^{s} " 0.4^{s}, " 6.3^{s} " 0.4^{s}, " 6.3^{s}	98	15	Pyramidal masonry tower, octagonal base; 72.	
7460 *E 0204*	— — SE. corner of mole head.		**Fl. G** period 4.5^{s} fl. 1^{s}, ec. 3.5^{s}	40	6	Iron structure; 17	
7470 *E 0206*	— Dique del Este, N. head.	39 27 0 19	**Fl. R** period 4.5^{s} fl. 1^{s}, ec. 3.5^{s}	41	7	Red skeleton structure; 25.	
7480 *E 0208*	— Detached mole, on W. head.	39 26 0 19	**F. G**	39	6	Green skeleton structure; 32.	
7490 *E 0210*	— South mole, on E. head.	39 27 0 19	**F. R**	40	6	Red skeleton structure; 33.	
7500	— S. head of outer transverse mole.		**Fl. W** period 4.5^{s} lt. 1^{s}, ec. 3.5^{s}	45	9	Iron column; 36	
7510	— Espigon del Turia Pier No. 1, head, NE. corner.	39 27 0 19	**F. R**	26	2	Metal post; 18	
7520	— — SW. corner		**F. G**	19	2	Wooden post; 10	
7530	— Head of Muelle de Poniente.		**F. R**	33	2	Iron column; 26	
7540	— Head of W. transverse mole, inner harbor.		**F. R**	36	3	Iron column; 26	
7550	— Head of E. transverse mole, inner harbor.		**F. G**	36	3	Iron column; 26	
7560 *E0212*	**Puerto de Sagunto,** 142 yards from head of mole under construction.	39 39 0 13	**Fl. W** period 1.5^{s} fl. 0.5^{s}, ec. 1^{s}	37	10	White iron cylindrical tower; 27.	A F. G. light visible 4 miles is shown about 700 yards 170° from head of the breakwater.
7570 *E0214.1*	— Range, front	39 39 0 12	**F. R**	46	3	Metal post; 33	Range lights.
7570. 1 *E0214.2*	— —Rear, 115 yds. 354° 30′ from front.		**F. R**	66	3	Corner of bldg.; 52	
7580 *E 0216*	**Cabo Canet,** N. side of entrance to Palancia River.	39 40 0 12	**Gp. Fl. W. (2)** period 10^{s} fl. 1^{s}, ec. 1^{s} " 1^{s}, " 7^{s}	108	16	Gray octagonal tower, white lantern; 98.	
7590 *E 0218*	Moncofar	39 48 0 08	**F. W**	33	10	Iron column; 26	

SPAIN—MEDITERRANEAN SEA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
7600 *E 0220*	Burriana, E. breakwater spur.	N. W. 39 51 0 04	**Gp. Fl. G. (2)** period 5^{s} fl. 0.3^{s}, ec. 0.6^{s} “ 0.3^{s}, “ 3.8^{s}	33	3	Black iron tower; 26	
7610 *E 0219*	— Head of E. mole	39 51 0 04	**Gp. Fl. W. (2)** period 5^{s} fl. 0.3^{s}, ec. 0.6^{s} “ 0.3^{s}, “ 3.8^{s}	39	10	Black iron tower; 26	
7620 *E 0221*	— Head of W. mole		**Gp. Fl. R. (2)** period 5^{s} fl. 0.3^{s}, ec. 0.6^{s} “ 0.3^{s}, “ 3.8^{s}	33	6	Black iron tower; 26	
7630 *E 0226*	**Castellón de la Plana,** head of E. mole.	N. E. 39 58 0 01	**Gp. Occ. W. (3)** period 30^{s} lt. 10^{s}, ec. 2.5^{s} “ 10^{s}, “ 2.5^{s} “ 2.5^{s}, “ 2.5^{s}	52	12	Octagonal masonry tower, dwelling; 20.	
7640 *E 0228*	— Head of S. mole		**F. R**	22	4	Grey column; 15	A F. G. light marks the head of transverse mole. 2 F. R. range lights 274° are shown from S. mole.
7650 *E 0222*	**Columbretes Islets,** NE. side of El Columbrete Grande.	39 54 0 41	**Gp. Occ. W. (3)** period 20^{s} lt. 10.7^{s}, ec. 1.5^{s} lt. 2.4^{s}, ec. 1.5^{s} “ 2.4^{s}, “ 1.5^{s}	279	23	White conical tower, dwelling 66.	
7660 *E 0230*	**Cabo de Oropesa**	40 05 0 09	**F. Gp. Fl. W. (3).** period 30^{s} fl. 0.3^{s}, ec. 5.7^{s} “ 0.3^{s}, “ 5.7^{s} “ 0.3^{s}, “ 1.8^{s} F. 14.1^{s}, “ 1.8^{s}	75	14	White cylindrical tower, dwelling; 39.	
7670 *E 0232*	**Peñiscola,** on Papa Luna Battery.	40 21 0 24	**F. Gp. Fl. W. (3).** period 40^{s} fl. 0.3^{s}, ec. 7.7^{s} “ 0.3^{s}, “ 15.7^{s} “ 0.3^{s}, “ 15.7^{s}	180	Fl. 20 F. 15	Yellow octagonal tower, dwelling; 33.	Visible 184°–40°.
7680 *E 0234*	— Head of E. breakwater.	40 21 0 24	**F. G**	36	6	Steel structure	
7690 *E 0240*	Benicarlo, on breakwater.	40 25 0 26	**Fl. W** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	39	10	Black iron tower; 25	
7700 *E 0242*	— On S. mole	40 24 0 26	**Fl. R** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	29	6	Black iron tower; 25	
7710 *E 0244*	Vinaroz, on E. mole	40 28 0 29	**Gp. Fl. W. (2)** period 5^{s} fl. 1^{s}, ec. 1^{s} “ 1^{s}, “ 2^{s}	37	11	Gray iron column, masonry base; 30.	A F. G. light marks present extremity of E. mole which is being extended.
7720 *E 0248*	— Transverse mole		**Gp. Fl. G. (2)** period 5^{s} fl. 1^{s}, ec. 1^{s} “ 1^{s}, “ 2^{s}	26	3	Gray iron column, stone base; 18.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—MEDITERRANEAN SEA						
7730 *E 0246*	Vinaroz: — Head of W. mole	N. E.	**Gp. Fl. R. (2)** period 5^s fl. 1^s, ec. 0.5^s " 1^s, " 2.5^s	35	10	Iron column; 20	
7740 *E 0370*	ALFAQUES: — **Punta de la Baña,** 200 yards from extremity.	40 34 0 40	**Gp. Occ. W. (3)** period 15^s lt. 5.8^s, ec. 1.8^s " 1.9^s, " 1.8^s " 1.9^s, " 1.8^s	59	13	Gray conical iron tower; 56.	
7750 ***E0372***	**— Punta Corballera U.**	**40 34 0 36**	**Fl. G. period 3^s fl. 0.3^s, ec. 2.7^s**	**29**	**8**	**Beacon**	
7760 *E 0374*	— San Carlos de la Rapita, Punta Sanieta.	40 36 0 35	**Gp. Occ. W. (5)** period 20^s lt. 4.4^s, ec. 1.4^s " 1.4^s, " 1.4^s " 1.4^s, " 1.4^s " 1.4^s, " 1.4^s " 4.4^s, " 1.4^s	30	10	White cylindrical tower; 22.	**F. W. lights exists on the heads of the piers.**
7770 *E 0376*	**Cabo de Tortosa,** E. extremity of Buda Island, mouth of Ebro River.	40 43 0 54	**Fl. W.** period 2.5^s fl. 0.5^s, ec. 2.0^s	169	14	Gray cylindrical iron tower; 169.	
7780 *E 0380*	Fangar (Punta del Fango) E. side of entrance to Port Fangar.	40 47 0 46	**Gp. Occ. W. (3)** period 15^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 4.5^s, " 1.5^s	25	10	Gray iron tower; 23	
7781	**— La Ampolla, head of breakwater.**	**40 49 0 43**	**Fl. G. period 3^s fl. 0.3^s, ec. 2.7^s**	**17**	**4**	**Metal tower**	
7790 *E 0381*	El Estany Gras, 1.95 miles 47° 30′ from Torre del Aguila.	40 52 0 48	**F. W.**	37	5	Masonry tower; 20	
7800 *E 0384*	Puerto de Cambrils, head of W. mole.		**Qk. Fl. R** **60 fl. per min.**	15	4	White wooden post ; 10	
7810 *E 0382*	— Head of E. mole	41 04 1 04	**Qk. Fl. G.** **60 fl. per min.**	15	2	Fish davit; 9	
7820 *E 0386*	**Cabo de Salou,** SE. extremity.	41 03 1 10	**Gp. Fl. W. (4)** period 20^s fl. 0.2^s, ec. 3.1^s " 0.3^s, " 3.1^s " 0.2^s, " 3.1^s " 0.3^s, " 9.7^s	140	18	White tower on dwelling; 36.	
7830 *E 0388*	TARRAGONA: — Head of Nuevo Dique de Levante.	41 06 1 14	**Fl. G.** period 4^s fl. 1^s, ec. 3^s	66	13	Masonry tower, dwelling; 52.	
7840 *E 0394*	— Head of Dique de Abrigo.		**Fl. R.** period 1.5^s fl. 0.5^s, ec. 1^s	42	7	Masonry tower; 33	
7850 *E 0392*	— Head of Dique Transversal.	41 06 1 14	**F. R.**	19	5	Red post	
7860 *E 0390*	— Head of Muelle Paralelo al de Costa.	41 06 1 15	**Fl. G.** period 1.5^s fl. 0.5^s, ec. 1.0^s	18	5	Davit; 12	

SPAIN—MEDITERRANEAN SEA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
7870 *E 0396*	**Villanueva y Geltru,** Punta San Cristobal.	41 13 1 44	**Gp. Fl. W.** (3) period 8^{s} fl. 0.2^{s}, ec. 1.4^{s} " 0.2^{s}, " 1.4^{s} " 0.2^{s}, " 4.6^{s}	89	15	Truncated conical masonry tower dwelling; 69.	Visible 265°-70°.
7871	**Sitges,** AVIATION LIGHT summit of Nuestra Senora de Gracia.	41 14 1 46	**Fl. W** period 4^{s}				*Occasional.*
7872	— Dique de Levante, SW. corner, about 0.44 mile 203° from S. Cristobal Light.	41 13 1 44	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	23	6	Iron pyramidal tower on brick base; 13.	A F. R. light is exhibited at an elevation of 23 feet from a wooden post 11 feet in height.
7873	Dique de Poniente	41 12 1 44	**Gp. Fl. R.** (2) period 6^{s} fl. 0.3^{s}, ec. 1.7^{s} " 0.3^{s}, " 3.7^{s}	22	6		
7877 *E0397*	**Muntadas** AVIATION LIGHT.	41 18 2 05	**Alt. Fl.—W. G** period 4^{s}	56	17		*Occasional.*
7880 *E 0398*	**Llobregat River,** N. side of entrance.	41 19 2 09	**Fl. W** period 5^{s}	105	15	White octagonal tower, cylindrical base; 102.	Visible over an arc of 270°.
7890	— *Lighted Whistle Buoy,* 1.24 miles 156° from Llobregat Light.	41 18 2 10	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	14	14	Black buoy	**Whistle.**
7900 *E 0400*	BARCELONA. — **Montjuick,** on hill-side below castle.	41 22 2 10	**Gp. Fl. W.** (2) period 15^{s} fl. 0.3^{s}, ec. 3.5^{s} " 0.3^{s}, " 10.9^{s} Cp. 3,000	354	26	Small square tower on red and white masonry building; 42	Visible 240° 30′-66° 30′.
7910 *E 0414*	— Dique del Este, S. head.		**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	107	12	Gray tower, white lantern.	**Nautophone:** 4 blasts every 30^{s}.
7920 *E 0416*	— Spur, near outer end of Dique del Este.		**Gp. Fl. G.** (3) period 5^{s} fl. 0.3^{s}, ec. 0.7^{s} " 0.3^{s}, " 0.7^{s} " 0.3^{s}, " 2.7^{s}	36	4	Black wooden post; 18	
7930 *E0404*	— Muelle del Contradique, SW. corner.	41 21 2 11	**Gp. Fl. R.** (4) period 12^{s} fl. 1^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 5^{s}	30	6	White masonry tower; 13.	Obscured by Dique Este outside the port.
7940 *E 0406*	— — NE. corner		**F. R**	21	4	Black post; 13	
7950 *E 0408*	— Muelle de Poniente, on SW. corner.		**F. R**	21	4	Black post; 13	
7960 *E 0410*	— — NE. corner		**F. R**	21	4	Black post; 13	
7970 *E 0418*	— Muelle de Levante, on SW. corner.		**F. G**	24	3	Black post; 15	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			SPAIN—MEDITERRANEAN SEA				
	BARCELONA:	N. E.					
7980 *E 0420*	— Muelle de Barcelona, on SW. corner.	-------	**F. R** ----------	21	4	Black post; 13 --------	
7990 *E 0422*	— — On NE. corner ---	-------	**F. R** ----------	21	4	Black post; 13 --------	
8000 *E 0426*	— Darsena del Carenado, on SW. corner.	-------	**F. G** ----------	20	3	Green post; 13 --------	
8010 *E 0428*	— — On center of W. mole.	-------	**F. G** ----------	39	3	Iron bridge ------------	
8020 *E 0430*	— Muelle de Cataluña, on W. head.	-------	**2 F. G** --------	21	3	Black posts -----------	One at each corner.
8030 *E 0432*	— Muelle de España, on W. head.	-------	**F. G** ----------	21	3	Black mast; 15 --------	
8040 *E 0436*	— — On E. head ------	-------	**F. — R. G** -----	21	3	Black mast; 15 --------	G. over Dárseno Nacional, R. over Dársena del Comercio.
8050 *E 0438*	— — On N. head ------	-------	**F. R** ----------	21	4	Black mast; 15 --------	
8060 *E 0440*	— Muelle de Baleares, on N. head.	-------	**F. G** ----------	22	3	Black mast; 15 --------	
8070 *E 0442*	— — On S. head ------	-------	**F. G** ----------	22	3	Black mast; 15 --------	
8071	— Muelle Nuevo, on N. head.	-------	**F. G** ----------	-----	----	-------------------	*Provisional.*
8072	— — On S. head -----	-------	**F. G** ----------	-----	----	-------------------	*Provisional.*
8073	— On head of Nautical Club pontoon.	41 22 2 11	**F. R** ----------	15	2	Wooden post ----------	
8074	— Head of spur, 250 yards 051° from Muelle de Baleares S. light.	41 22 2 11	**F. G** ----------	20	2	Wooden post; 13 ------	
8080 *E 0447*	— — On new jetty extending from Punta Calvario.	41 35 2 33	**Gp. Fl. R. (2)** --- period 6^s fl. 1^s, ec. 1^s " 1^s, " 3^s	19	6	On jetty bulwark ------	
8082	— Head of Dique de Le Levante o Portinos.	41 34 2 34	**Qk. Fl. W** -----	14	2	Iron structure --------	
8090 *E 0448*	**Calella,** on Cerro de la Torreta.	41 36 2 39	**Gp. Fl. W. (5)** -- period 20^s fl. 0.3^s, ec. 1.4^s " 0.3^s, " 1.4^s " 0.3^s, " 7.2^s " 0.3^s, " 1.4^s " 0.2^s, " 7.2^s	164	19	White cylindrical tower, dwelling; 33.	
			F. W ----------	-----	19	-------------------	
8100 *E 0452*	Blanes Bay (Ensenado de Blanes) head of breakwater.	41 40 2 48	**Fl. G** --------- period 3^s fl. 1^s, ec. 2^s	34	6	Gray truncated tower --	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SPAIN—MEDITERRANEAN SEA						
		N. E.					
8110 *E 0453*	**Cabo de Tossa**	41 43 2 56	**Gp. Fl. W. (4)** period 20^s fl. 0.7^s, ec. 1.8^s " 0.7^s, " 1.8^s " 0.7^s, " 6.8^s " 0.7^s, " 6.8^s	197	20	White tower on square dwelling, with grey border; 36	Visible 229°45′–64°15′.
8120 *E 0456*	SAN FELIU DE GUIXOLS: — Head of mole	41 46 3 02	**F. G**	31	6	Post; 18	
8130 *E 0458*	— Range, on boulevard, front.		**F. R**	23	5	Mast, black and white circular top mark; 18.	Range lights.
8130. 1 *E 0460*	— — Rear, 57 yards 343° from front.		**F. R**	46	5	Mast, black and white circular top mark; 39.	
8140 *E 0462*	PALAMÓS BAY: — **Punta del Molino,** E. side of entrance.	41 50 3 08	**Gp. Occ. W. (5)** period 20^s lt. 1.4^s, ec. 1.4^s " 1.4^s, " 1.4^s " 1.4^s, " 1.6 " 4.3^s, " 1.4^s " 4.3^s, " 1.4	72	12	Gray masonry tower, lower part hexagonal, upper part cylindrical; 26.	
8150	— *Pereira (Llosa) Shoal Lighted Buoy,* on NW. side of Palamós Reef.	41 50 3 07	**Gp. Fl. R. (3)** period 12^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 7.5^s	10	6	Red cylindrical buoy	
8160 *E 0468*	— Dique de Abrigo, head.	41 50 3 07	**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	29	6	Gray octagonal tower, square base.	
8170 *E 0466*	— Head of Commercial mole.	41 51 3 07	**Fl. W** period 2^s fl. 0.5^s, ec. 1.5^s	28	10	Gray iron column, white hut; 21.	
8180 *E 0470*	**Cabo de San Sebastian**	41 54 3 12	**F., Fl., — W** period 3.7^s F. 3.4^s, fl. 0.3^s	548	Fl. 31 F. 20	White cylindrical masonry tower; 39.	
8190 *E 0472*	**Meda Islands,** summit of largest island. U.	42 03 3 13	**Gp. Fl. W. (4)** period 12^s fl. 0.3^s, ec. 2.4^s " 0.3^s, " 2.4^s " 0.9^s, " 2.4^s " 0.9^s, " 2.4^s	262	16	White cylindrical tower; 12.	
8192	Estartit, head of mole, about 0.77 mile 300° from Meda Island Light.		**Fl. G** period 4^s fl. 1^s, ec. 3^s	35	4	Truncated concrete tower.	
8200 *E 0476*	BAHIÂ DE ROSAS: — **Punta de la Poncella**	42 15 3 11	**Gp. Occ. W. (4)** period 15^s fl. 6^s, ec. 1.5^s " 1^s, " 1.5^s " 1^s, " 1.5^s " 1^s, " 1.5^s	79	14	White cylindrical tower, dwelling; 36.	
8210 *E 0480*	— Head of Commerical mole.		**Occ. R** period 5^s lt. 2.5^s, ec. 2.5^s	30	8	Gray iron column; 23	

SPAIN—MEDITERRANEAN SEA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BAHIÂ DE ROSAS:	N. E.					
8220 *E 0478*	— Head of breakwater	....	**Occ. W.** period 5^{s} lt. 2.5^{s}, ec. 2.5^{s}	33	6	Gray iron crane; 23	
8230 *E 0484*	**Punta de Cala Naus,** S. side of entrance to Cadaqúes.	42 16 3 17	**Gp. Fl. W. (5)** period 25^{s} fl. 0.3^{s}, ec. 2.5^{s} " 0.3^{s}, " 2.5^{s} " 0.3^{s}, " 2.5^{s} " 0.3^{s}, " 8.0^{s} " 0.3^{s}, " 8.0^{s}	108	12	White cylindrical tower, dwelling; 23.	
8240 *E 0486*	**Cabo de Creus**	42 19 3 19	**F., Gp. Fl. W. (3).** period 20^{s} F. 8^{s}, fl. 0.5^{s} " 8^{s}, " 0.5^{s} " 2.5^{s}, " 0.5^{s}	285	24	White cylindrical tower, dwelling; 36.	
8250 *E 0488*	Puerto de la Selva, Punta Sernella.	42 21 3 11	**Occ. W.** period 1.5^{s} lt. 0.8^{s}, ec. 0.7^{s}	72	14	Gray square tower, dwelling.	Visible 176°–272° and over inner harbor.
8260	— Point Trench, head of mole.	42 20 3 12	**F. R.**	....	....	Wooden post; 8	

FRANCE—SOUTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
8270 *E 0492*	Cerbère, N. side of cove	42 27 3 10	**Occ. W.** period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 1200	62	13	White iron column, hut; 16.	Visible 212°–277°.
8280 *E 0494*	**Cap Dosne,** near entrance to Port Banyuls	42 29 3 08	**Fl.—W. G.** period 4^{s} fl. 1^{s}, ec. 3^{s} Cp. W. 800, G. 100	58	W. 13 G. 8	Iron pylon on white hut; 16.	G. 165°–203°, W.–285° G.–45°, obscured elsewhere.
8290 *E 0496*	**Cap Béar,** near semaphore.	42 31 3 08	**Gp. Fl. W. (3)** period 20^{s} fl. 0.2^{s}, ec. 3.8^{s} " 0.2^{s}, " 3.8^{s} " 0.2^{s}, " 11.8^{s} Cp. 5,000,000	259	23	Red and gray square masonry tower; 74.	Visible 122°–338°. **Radiobeacon.**
	PORT VENDRES:						
8300 *E 0498*	— **Redoute du Fanal,** W. side of entrance.	42 31 3 07	**Occ. W.** period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 1200	95	15	White square tower, dwelling; 54.	Visible 147°–264°. A F. G. light shown from a white tower, lower part black with white daymark, located about 55 yards ESE. of the light at Fort Fanal. A F. G. light is shown on Pointe des Pilots and a F. R. light on Pointe de la Presqu'ile.
8310 *E 0504*	— Head of mole, E. side of entrance. U.	42 31 3 07	**Gp. Occ. R. (3)** period 12^{s} lt. 1.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 1.5^{s} " 4.5^{s}, " 1.5^{s} Cp. 700	68	14	White iron framework tower; 53	Visible 110°–287°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

FRANCE—SOUTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PORT VENDRES:	N. E.					
8320 *E 0506*	— Range, SE. side of outer harbor, front.	42 31 3 07	**Gp. Occ. W. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s} Cp. 750	35	11	Red supports sheetiron hut; 16.	Range lights, synchronized. Intensified 16° each side of axis.
8320. 1 *E 0508*	— — Rear, about 0.1 mile 197° from front.	-------	**Gp. Occ. W. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s} Cp. 800	75	14	Masonry tower, red and wnite checkers; 31.	
8330 *E 0512*	Collioure, head of jetty, N. side of port.	42 32 3 05	**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s}	43	9	Black iron skeleton structure.	Visible 135°–278°.
8340 *E0514*	Perpignan–Llabanère, AVIATION LIGHT.	42 44 2 52	**Gp. Occ. W. (4)** period 8.5^{s}	232	21	Pylon; 46	*Occasional.* Morse letter "X".
8350 *E 0516*	Le Barcarès de St. Laurent, on low beach in front of village.	42 47 3 02	**F. R** Cp. 240	25	10	White iron structure on hut; 24.	
8355	**Cap Leucate**	42 55 3 03	**Gp. Fl. W. (2)** period 10^{s} fl. 0.2^{s}, ec. 2.3^{s} " 0.2^{s}, " 7.3^{s} Cp. 500,000	216	21	White pyramidal tower; 57.	
	LA NOUVELLE:						
8360 *E 0522*	— **La Nouvelle**, head of S. jetty.	43 01 3 04	**Gp. Occ. W. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s}	75	14	Red and white banded tower; 66.	
8370	— Head of N. jetty U.	43 01 3 04	**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 150	45	9	White circular tower, 36.	
8380 *E 0528*	Orb River, head of W. jetty at entrance.	43 15 3 18	**F. R** Cp. 160	26	9	Red and white turret; 21.	*Unreliable.*
	HERAULT RIVER:						
8390 *E 0536*	— Head of E. jetty	43 17 3 27	**Occ. W** period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 750	44	12	White masonry tower; 34.	Visible 282°–77°. **Horn:** 1 blast every 30^{s}.
8400 *E 0534*	— Head of W. jetty	-------	**Gp. Occ. R** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s}	44	9	White masonry tower; 34.	
8410 *E0538*	Ilot de Brescou, old Magazine of Fort Brescou. U.	43 16 3 30	**Fl. W** period 6^{s} fl. 1.5^{s}, ec. 4.5^{s} Cp. 1,500	69	13	White cylindrical tower; 37.	
	SÈTE:						
8420 *E0544*	— **Mont St. Clair**	43 24 3 41	**Fl. W** period 5^{s} fl. 0.1^{s}, ec. 4.9^{s} Cp. 250,000	303	17	White octagonal tower; 62.	Obscured by Mont d' Agde 45°–58° and by Mont St. Clair on bearings S. of 104°. **Radiobeacon.**

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			FRANCE—SOUTH COAST				
8430 *E0546*	SÈTE: — Mole St. Louis	N. E. 43 24 3 42	**Gp. Occ. (3)— W. R.** period 12^{s} lt. 4.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 1.5^{s} " 1.5^{s}, " 1.5^{s} Cp. W. 21,000 R. 4,200	107	W. 16 R. 15	Gray tower; 90	W. from coast northward to 266°, R.–14°, W.–coast.
8440 *E0550*	— E. head of Epi Dellon. **U.**	43 24 3 43	**Occ. R** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s} Cp. 300	66	11	White cylindrical tower, upper part black; 67.	Obscured by Cap de Sete on bearings E. of 76°. **Horn:** 2 blasts ev. 30^{s}.
8442 *E0559*	— Sete, Range, front	43 25 3 45	**F. Vi** Cp. 800	26	10	Signal station terrace	Range lights. In line with lighted buoy at head of pipe line to mark pipe line axis.
442.1 *E0559.1*	— — Rear about 0.16 miles 18°30′ from front.		**F. Vi** Cp. 4,000	49	12	Pylon; 38	
8450 *E 0548*	— NE extremity Byise Lames.		**Gp. Occ. W. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} " 3^{s}, " 1^{s} Cp. 1,000	46	12	White iron tower, upper and lower parts red; 20.	Visible 63°–253°.
8460 *E 0552*	— Head of Jetee de Frontignan, E. side of entrance to Outer Port. **U.**		**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s}	44	4	White iron turret; upper part red; 33.	Obscured by Cap de Sète on bearings N. of 63°.
8470 *E 0556*	— New Basin: — — Head of W. mole.		**F. R**			White iron hut	Visible within Frontignan Jetty.
8480 *E 0558*	— — Head of E. mole		**F. G**			White iron hut	
8490 *E 0560*	ETANG DE THAU: — Sete Canal, N. entrance.	43 25 3 41	**F. G**	16	2	On tide gauge tower	
8500 *E 0526*	— Roqueirol **U.**	43 26 3 40	**Occ. W** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 500	19	9	Red tower, black bands, red spherical topmark; 17.	
8510 *E 0566*	— Meze, head of E. jetty.	43 25 3 36	**Gp. Occ. W. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s} Cp. 1,200	23	10	Concrete tower; 20	A F. R. light is shown on W. side entrance to Meze. A F. R. and a F. G. light are shown on the wharf at Bouzigues. A F. R. light is shown from the S., and a F. G. light from the N., jetty at Marseillan.
8520 *E 0568*	— Les Onglou, head of E. jetty.	43 20 3 32	**Gp. Fl. (2)—R. W.** period 6^{s} fl. 1^{s}, ec. 1^{s} " 1^{s} " 3^{s} Cp. R. 1,500 W. 2,500	31	R. 11 W. 11	Circular tower, upper part black, lower part white; 29.	W. 210°–229°, R. elsewhere.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	FRANCE—SOUTH COAST						
	GOLFE D'AIGUES-MORTES:	N. E.					
8530 *E0579*	— Montpellier Frejorge, AVIATION LIGHT.	43 35 3 57	**Gp. Fl. W. (4)** period 8.5^s	66	15	Pylon, concrete base; 66.	Morse letter "Y."
8540 *E 0576*	— Grau de Palavas range, head of E. mole, front.	43 32 3 56	**F. G** Cp. 20	21	4	Street lamp; 14	Range lights.
8540. 1 *E 0578*	— — Rear, 49 yards 303° from front.		**F. G** Cp. 20	26	4	Street lamp; 18	
	— Le Grau du Roi:						
8550 *E 0580*	— — Head of S. jetty U.	43 32 4 08	**Occ. W** period 4^s lt. 3^s, ec. 1^s Cp. 1,500	33	11	Tower, upper part white, green band; 26.	A light shows from the middle of a swing bridge; shows R. when closed, and W. when open.
8560 *E 0582*	— — Head of W. jetty		**Gp. Occ. R** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 240	33	11	Red tower, white band; 26.	
8570 *E 0586*	— **Pte. de l'Espiguette,** on beach, E. side of gulf.	43 29 4 09	**Gp. Fl. W. (3)** period 15^s fl. 0.8^s, ec. 2.2^s " 0.8^s, " 2.2^s " 0.8^s, " 8.2^s Cp. 70,000	85	15	White square tower, upper part black, 82	
8572	**Le Petit Rhone, Range,** front.	43 27 4 24	**F. G** Cp. 5,000	22	10	Pylon, black and white bands; 20.	Range lights, intensified 2° on axis.
8572. 1	— **Rear,** 0.41 mile, 343° from front.		**F. G** Cp. 5,000	46	12	Pylon, black and white bands; 43.	
	GOLFE DES SAINTES MARIES:						
8580 *E 0594*	— **Pte. de Beauduc,** E. side of gulf.	43 22 4 35	**Gp. Fl. R. (2)** period 10^s fl. 0.4^s, ec. 2.1^s " 0.4^s, " 7.1^s Cp. 6,000	84	15	White square tower, frame of dwelling, black lantern; 82.	Siren: 2 blasts every 60^s.
8590 *E 0592*	— La Gacholle, N. side of gulf.	43 27 4 34	**Fl.—W. G** period 5^s fl. 1.2^s, ec. 3.8^s Cp. W. 2,400, G. 300	57	W.13 G.12	Black square masonry tower, frame of dwelling; 51.	G. 295°-14°, W.-70°.
8600	— *Beauduc Lighted Buoy.*	43 21 4 34	**Gp. Fl. W. (4)** period 15^s fl. 1^s, ec. 1.5^s " 1^s, " 1.5^s " 1^s, " 1.5^s " 1^s, " 6.5^s Cp. 500	21	13	Black and white buoy, topmark of 2 cones, points together.	Radar reflector.
8610 *E 0600*	**Faraman** (La Camargue), Vieux Rhone Mouth, E. side.	43 21 4 41	**Gp. Fl. W. (2)** period 10^s fl. 0.2^s, ec. 2.3^s " 0.2^s, " 7.3^s Cp. 250,000	136	17	White masonry tower, black bands; 126.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

FRANCE—SOUTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
8620	**RHONE RIVER ENTRANCE:** — *Faraman Lighted Whistle Buoy, No. 1.*	43 18 4 41	**Gp. Fl. R. (4)** period 15^{s} fl. 1^{s}, ec. 1.5^{s} " 1^{s}, " 1.5^{s} " 1^{s}, " 1.5^{s} " 1^{s}, " 6.5^{s} Cp. 100	28	8	Red buoy, white band, topmark of 2 cones, points down.	**Whistle.** Radar reflector.
8630	— *Piemanson Lighted Buoy.*	43 20 4 46	**Gp. Fl. R. (2)** period 9^{s} fl. 1.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 4.5^{s} Cp. 100	21	8	Red buoy, white band, topmark of 2 cones, points down.	
8640	— *Roustan Lighted Buoy No. 5.*	43 19 4 51	**Gp. Occ. W. (2)** period 9^{s} lt. 4.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 1.5^{s} Cp. 500	23	10	Red buoy, white band, topmark of 2 cones, points down.	Radar reflector.
8650	— *Balancelle Lighted Buoy.*	43 20 4 55	**Occ. R** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 100	21	8	Buoy, upper part red, lower part white, topmark of 2 cones, bases together.	Radar reflector.
8660	— *St. Louis Lighted Buoy.*	43 23 4 56	**Fl. R** period 1.5^{s}	21	8	Buoy, upper part red, lower part white, topmark of 2 cones, bases together.	Radar reflector.
8670 E0603	GOLFE DE FOS: — Port St. Louis du Rhone.	43 23 4 48	**Qk. Fl. W** Cp. 20,000	61	13	Tower; 52	Intensified 2°30′ either side axis of channel.
8680 E0602	— Canal de St. Louis, S. jetty.	43 23 4 52	**Gp. Occ. (4)—W. R.** period 15^{s} lt. 4.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 1.5^{s} " 1.5^{s}, " 1.5^{s} " 1.5^{s}, " 1.5^{s} Cp. W. 500, R. 100	47	W. 12 R. 8	Red tower; 38	W. 72°–267°30′, R. elsewhere.
8690	— — N. side entrance to channel.	43 23 4 51	**F. G** Cp. 94	28	8	Green steel pylon; 22	Visible 264°–144°.
8700	— — S. side entrance to channel.	43 23 4 51	**F. R** Cp. 150	28	9	Red steel pylon; 22	Visible 24°–264°, reduced visibility 24°–80°.
8710	— — N. side, at W. end of channel.	-------	**F. G** Cp. 94	28	9	Green steel pylon; 22	Visible 234°–84°.
8720	— — S. side, at W. end of channel.	43 23 4 49	**F. R** Cp. 150	28	9	Red steel pylon; 22	Visible 80°–268°.
8740 E0610	— **Port de Bouc,** tower in Fort, S. side of entrance, E. side of gulf.	43 24 4 59	**Gp. Occ. (3)—W. R. G.** period 12^{s} lt. 4^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 4^{s}, " 1^{s} Cp. W. 6,000, R. 1,200, G. 750	98	W. 16 R. 13 G. 12	Square tower surmounted by circular white turret; 84.	G. 321°–343°, W.–40°, R.–87°, W.–140° obscured–321°. **Radiobeacon.**
8750	— Port de Bouc: — — *Tasques Lighted Buoy.*	43 24 4 59	**Fl. R** period 6^{s} fl. 1^{s}, ec. 5^{s}	23	8	Red buoy, red cylindrical topmark.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

FRANCE—SOUTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GOLFE DE FOS: — Port de Bouc:	N. E.					
8760	— — Head of N. jetty. U.	43 24 4 59	**Qk. Fl. W** 60 fl. per min.	39	11	Concrete post; 33	A red buoy showing a F. R. light, with red cylindrical topmark, about 150 yards N., marks the N. edge of enrockment
8770	— — Range, front	43 24 5 00	**F. R** Cp. 4,000	36		Pylon, white △ topmark	Range lights.
8780	— — — Rear, 37° from front.		**F. R** Cp. 4,000	55		Pylon, white △ topmark	
8800	— — Caronte Canal N. side of entrance	43 24 4 59	**2 F. R**				
8810 *E 0618*	— Pointe de Berre, head of jetty.	43 28 5 09	**Gp. Fl. (4)—W. R.** period 12^{s} fl. 1^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 5^{s}	39	11	Post; 31	W. 12°–57°, R. elsewhere.
8820	— SW. corner of turning basin.	43 24 5 01	**Occ. W** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s}		9	Beacon; 15	
8830	— SE. corner of turning basin.		**Fl. W** period 6^{s} fl. 1.5^{s}, ec. 4.5^{s}		9	Beacon; 15	Several R. and G. lights mark the channel.
8840	— *Les Ragues d'Arnette Lighted Buoy*, about 275 yards SW. of shoal.	43 20 5 01	**Gp. Fl. W. (2)** period 9^{s} fl. 1.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 4.5^{s}	22	10	Black buoy, lower part white.	
8850	— *Des Ragues de Carro Lighted Whistle Buoy*, SW. side of bank.	43 19 5 02	**Gp. Fl. W. (4)** period 15^{s} fl. 1^{s}, ec. 1.5^{s} " 1^{s}, " 1.5^{s} " 1^{s}, " 1.5^{s} " 1^{s}, " 6.5^{s} Cp. 500	22	10	Black buoy, lower part white, topmark, of two black cones, points together.	**Whistle.**
8860 *E 0620*	Carro, head of jetty U.	43 20 5 03	**Gp. Occ. (2),—W., R.** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s} Cp. **W.** 1,200, **R.** 250	29	W. 15 R. 11	White masonry tower; 21.	W. 317°–350°, R.–317°.
8870 *E0622*	**Cap Couronne**	43 20 5 03	**Fl. R** period 3^{s} fl. 0.2^{s}, ec. 2.8^{s} Cp. 75,000	52	12	Dark red square turret, frame of dwelling; 38.	Obsc. in the Golfe de Fos when bearing more than 126°.
8880 *E 0624*	Sausset, on SE. jetty	43 20 5 07	**Gp. Occ. W. (3)** period 12^{s} lt. 1.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 1.5^{s} " 4.5^{s}, " 1.5^{s}	29	10	White tower; 29	
8890 *E 0614*	Vitrolles, AVIATION LIGHT about 0.5 mile N. of town.	43 28 5 15	**Gp. Fl. W. (3)** period 11^{s} fl. 0.5^{s}, ec. 4.0^{s} " 0.5^{s}, " 4.0^{s} " 0.5^{s}, " 1.5^{s}	761	44	Red pylon	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

FRANCE—SOUTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BAIE DE L'ESTAQUE:	N. E.					
8900 *E 0628*	— Port de La Lave, head of outer mole. **U.**	43 22 5 18	**F. R.** Cp. 300	39	11	Red tank on pylon; 33.	
8910 *E 0630*	— Passe de L'Estaque, entrance to Marseille-Rhone Canal, end of mole. **U.**	43 21 5 19	**Gp. Occ. R.** (2) period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s Cp. 100	29	8	Red pylon.	
	MARSEILLE, NORTH ENTRANCE:						
8920 *E 0632*	— **Pte. Mourrepiane**	43 21 5 20	**Gp. Fl.** (3)— **W. R. G.** period 15^s fl. 0.4^s, ec. 2.6^s " 0.4^s, " 2.6^s " 0.4^s, " 8.6^s Cp. W. 25,000, R. 50,000, G. 25,000	105	16	White rectangular structure; 31.	R. 339°-28°, W.-69°, G.-95°.
8930	— *Lighted Buoy,* S. side of entrance to Avant-Port Nord.	43 21 5 19	**Gp. Occ. G.** (3). period 12^s lt. 1.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 4.5^s, " 1.5^s	22	7	Black buoy, black conical topmark.	A F. R. light is shown from red buoy on N. side of entrance.
8940 *E0635*	— S. head of detached breakwater. **U.**	43 21 5 20	**Occ. R.** period 6^s lt. 4.5^s, ec. 1.5^s	38	8	Red pylon; 24.	
8942	— S. entrance Bassin Mirabeau. **U.**		**Occ. G.** period 4^s lt. 2^s, ec. 2^s	38	7	Black pylon; 24.	
8943	— W. extremity of mole H.	43 20 5 20	**Gp. Occ. R** (2). period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 100	23	8	Red tripod mast; 16.	
8950 *E 0642*	— Passe du Cap Janet, head of E. mole. **U.**	43 20 5 21	**F. R.** Cp. 100	21	9	Red pylon and tank.	
8960 *E 0640*	— — Head of W. mole. **U.**		**F. G.**	24	8	Green pylon.	Visible from 127°-328°.
8970	— Traverse de la Madrague; Mole on E. side. **U.**		**F. R.**	28	9	Red pylon.	
8980	— — Mole on W. side. **U.**		**F. G.**	28	8	Black pylon.	Visible 148°-328°.
8990 *E 0652*	— Passe de l'Abattoir, center of passage. **U.**		**F. R.**	78	5	Red pylon; 22.	
	MARSEILLE SOUTH ENTRANCE:						
9000	— *Digue des Catalans Lighted Buoy.*	43 17 5 21	**Occ. G.** period 6^s lt. 3^s, ec. 3^s	22	7	Black buoy, daymark of cone, point up.	Moved as work progresses.
9010 *E 0656*	— SW. head of Digue Sainte Marie. **U.**	43 18 5 21	**Gp. Fl. R.** (2). period 10^s fl. 0.2^s, ec. 2.3^s " 0.2^s, " 7.3^s Cp. 10,000	36	11	Pylon on red tank; 21.	

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FRANCE—SOUTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MARSEILLE SOUTH ENTRANCE:	N. E.					
9020 *E 0670*	— Pharo Point, at entrance to Old Basin. U.		**Fl. G** period 4^s fl. 1^s, ec. 3^s Cp. 1,000	38	11	White cylindrical tower, black lantern; 38.	Visible 359°–269°.
9030 *E 0655*	— Joliette Light, at inner extremity of Digue Sainte Marie. U.		**Gp. Occ. R. (3)** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. 200	23	10	Red iron tower; 16	Visible 190°–57°.
9040	— Digue du Fort Saint-Jean, head of digue. U.	43 18 5 22	**Gp. Occ. G. (3)** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. 125	25	9	Green turret; 18	
9050 *E 0664*	— Fort St. Jean, N. side of entrance to Vieux Port. U.		**Qk. Fl. R** 60 fl. per min. Cp. 150	38	9	Red pylon; 21	
9060 *E 0666*	— Fort St. Nicolas, S. side of entrance to Vieux Port. U.		**Occ. G** period 4^s lt. 2^s, ec. 2^s	28	8	Green pylon; 21	
9070 *E 0674*	Sourdaras Shoal, ENE. of Ile d'If. U.	43 17 5 20	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 200	38	11	Black and white tower, daymark of black cone, point up, over black sphere.	
9080 *E 0676*	**Chateau d'If,** E. point, S. approach to Marseille.	43 17 5 20	**Gp. Fl. W. (2)** period 9^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 4.5^s Cp. 5,000	85	15	Masonry tower; 47	Obscured by Tiboulen Island on bearings W. of 1° and by Frioul Islands (Pomegues and Ratoneau) 54°–152°.
9090 *E 0678*	Port du Frioul, E. side of harbor. U.	43 17 5 19	**Occ. G** period 4^s lt. 2^s, ec. 2^s	36	7	Pylon on iron trellis; 23	Visible 233°–347° between Pomegues and Ratoneau Islands.
9100 *E 0679*	Cap Caveaux, Île Pomègues. U.	43 16 5 17	**Occ. W** period 6^s lt. 3^s, ec. 3^s Cp. 500	98	13	Red iron framework tower.	
9110 *E 0684*	Tiboulen-de-Maire Islet, summit. U.	43 13 5 20	**Gp. Occ. (3)—W. G.** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s	187	W. 15 G. 9	Red pylon, hut; 22	W. 327°–142°, G.-327°.
9120 *E 0680*	**Île du Planier,** 8 miles SW. of entrance to Marseille Harbor.	43 12 5 14	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 500,000	215	21	Tower; 205	Obscured by the Isle of Riou from the coast to 284°. **Radiobeacon.** **Diaphone**: blast 3^s, silent 57^s.
9130 *E 0686*	Cassis, W. side of entrance, S. of Fort des Leques. U.	43 13 5 32	**F. R**	59	11	Iron column on hut; 23.	
9140 *E 0688*	— Head of mole U.		**Gp. Occ. W. (2)** period 6^s fl. 3^s, ec. 1^s " 1^s, " 1^s Cp. 1,000	52	12	Masonry tower, upper part black, lower part white; 43.	

FRANCE—SOUTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
9150 *E 0690*	La Cassidaigne Reef **U.**	N. E. 43 09 5 33	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 500	77	13	Red tower, black bands, spherical daymark; 88	
9160 *E 0694*	Ciotat, Bérouard Mole-head, N. side of entrance. **U.**	43 10 5 37	**Gp. Occ. W. (3)** period 12^s lt. 4^s, ec. 1^s " 1^s, " 1^s " 4^s, " 1^s Cp. 800	47	12	White iron skeleton tower, green lantern; 44	Obscured by Bec de L'Aigle from 18°30′.
9170 *E 0696*	— Head of S. mole, S. of entrance. **U.**	-------	**F. R** Cp. 250	51	11	Red tower	
9180 *E 0698*	Port des Legues, head of pier. **U.**	43 11 5 41	**F. R** Cp. 150	24	9	Red post; 23	Private light.
9190 *E 0700*	Bandol, head of mole **U.**	43 08 5 45	**Gp. Occ. (4) — W. R.** period 12^s lt. 5^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s **Cp. W. 3,000, R. 600**	29	14	White column; 19	W. 348°–2°, R.–348°. A F. R. light is shown from head of E. mole.
9200 *E 0710*	**Le Grand Rouveau,** summit of island.	43 05 5 46	**Gp. Occ. W. (2)** period 8^s lt. 4.5^s, ec. 1^s " 1.5^s, " 1^s Cp. 15,000	148	18	Square tower, white dwelling; 58.	Partially obscured by Ile des Embiez.
9210 *E 0704*	Port Sanary, head of W. jetty. **U.**	-------	**F. R** Cp. 250	27	10	White tower, red base; 16.	
9220 *E 0706*	Port de la Conduriere, head of W. mole.	43 06 5 49	**F. R**	27	-----	Iron column; 21	Private light.
9230 *E 0708*	Le Brusq, head of jetty **U.**	43 05 5 48	**Gp. Occ. R. (3)** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. 160	17	9	Red pylon; 16	
9232 ***E0709***	— NW. extremity of jetty.	-------	**Occ. G** period 4^s lt. 2^s, ec. 2^s Cp. 100	17	8	Green pylon; 16	
9240 ***E0715***	Cap Sicié **U.**	43 03 5 51	**Gp. Occ. R. (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s	159	12	Red column; 6	Visible 94°–252°.
9250	TOULON: — Port St. Elme, head of jetty.	43 04 5 54	**F. G**	-----	-----	-----	
9260 ***E0714***	— **Cap Cépet,** Pointe Rascas.	43 04 5 57	**Gp. Fl. W. (3)** period 15^s fl. 0.2^s, ec. 2.8^s " 0.2^s, " 2.8^s " 0.2^s, " 8.8^s Cp. 750,000	194	20	White square tower; 41	Visible 262°–71°.

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TOULON:	N. E.					
9270 *E 0716*	— St. Mandrier, head of jetty S. of Grande Passe.	43 05 5 56	**Gp. Fl. R. (2)** period 10^{s} fl. 0.3^{s}, ec. 2.2^{s} " 0.3^{s}, " 7.2^{s} Cp. 80,000	56	13	Iron tower; black on top, white below; 42.	Obscured by land N. of 301°.
9272	— Pte. de la Vieille, head of pier.	43 05 5 55	**F. R** Cp. 150	45	9	Red pylon; 30	
9280 *E 0718*	— Grand, Jetty, S. head. **U.**	43 05 5 56	**F. G** **Cp. 1,000**	44	12	White turret, frame of house; 30.	Obscured 165°–186°.
9290 *E0720*	— Petite Passe, on S. head of jetty. **U.**	43 06 5 56	**Occ.—R. G** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. R. 500, G. 200	62	R. 12 G. 10	White cylindrical turret; 61.	G. 266°–275°, R.–294°, G.–145°, obsc. elsewhere.
9300 *E 0722*	— Mourillon, breakwater. **U.**	43 07 5 55	**Gp. Occ. G. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s}	24	4	Pylon; 21	Maintained by the municipality.
9310 *E0728*	— Head of W. pier **U.**	43 07 5 56	**F. R** Cp. 100	16	8	Red pylon; 13	
9320 *E 0730*	— — E. side of entrance **U.**		**F. G** Cp. 100	19	5	Black pylon; 13	Obscured 280°–360° over shoals.
9330 ***E 0736***	— — N. side entrance, Port du Commerce.	43 07 5 56	**Gp. Occ. R. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s} " 1^{s} Cp. 250	26	10	Black pylon; 23	
9340 ***E 0738***	— — S. side of entrance		**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 150	26	9	Red pylon; 23	
9350 ***E0739***	— Darse de Missiessy Range, front.	43 07 5 55	**F. G**	38	11	Column; 38	Range lights.
9350. 1 ***E 0739.1***	— — Rear, about 110 yards 352° from front.		3 **F. G.** (horiz.)	65	13	Platform of water reservoir; 65.	
9360 *E 0740*	— La Seyne, N. side of entrance to basin.	43 06 5 53	**F. G**	13	2	Iron column	A small R. light is shown from S. side of entrance.
9370 *E0744*	Les Salettes, head of jetty.	43 05 6 05	**Gp. Fl. (4)—W. R.** period 12^{s} lt. 1^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 5^{s} Cp. W. 750, R. 150.	28	W. 13 R. 10	Red pylon, 21	W. 356°–5°, R. elsewhere.
9380 *E 0746*	Port du Niel, head of jetty.	43 02 6 08	**F. R** **Cp. 150**	28	9	Red pylon; 21	
9385 ***E 0749***	Hyeres Palyvestre AVIATION LIGHT.	43 05 6 09	**Gp. Fl. W** period 6^{s}	89	17		*Occasional.*

FRANCE—SOUTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
9390 *E 0748*	**Ile du Grand Ribaud**	43 01 6 08	**Occ. W** period 4^s lt. 3^s, ec. 1^s Cp. 15,000	113	16	White tower; 44	Obscured when bearing 108°, from 124°–222°, when bearing 233° and 262°.
	L'ILE PORQUEROLLES:						
9400 *E 0754*	**— Jeaune Garde, off NW. point of island. U.**	43 00 6 10	**Occ. W** period 1.5^s lt. 1^s, ec. 0.5^s Cp. 60	53	7	Black tower, white band; 52.	
9410 *E 0756*	**— Cap d'Armes,** S. point of island.	42 59 6 12	**Gp. Fl. W. (2)** period 10^s fl. 0.2^s, ec. 2.3^s " 0.2^s, " 7.3^s Cp. 250,000	262	23	White square tower, frame of dwelling; 53.	Visible 142°–204°, and 243°–119°. Obscured 252°–266°. **Radiobeacon.**
9420 *E 0758*	— Porquerolles Road, head of jetty. **U.**	43 00 6 12	**Gp. Occ. R. (2)** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 250	27	10	Wooden support attached to wooden cabin; 19.	Visible 116°–229°.
9428	Head of S. mole	43 05 6 10	**F. R**				
9429	Head of N. mole		**F. G**				
9430 *E 0750*	Port Pothuau (Salins d'-Hyéres), head of E. jetty. **U.**	43 07 6 12	**Gp. Occ. (3)— W. R. G.** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. W. 600, R. 100, G. under 100	38	W. 11 R. 9 G. 8	Pylon; 34	G. 260°–285°, W.–12°, R.–60°, obscured elsewhere.
9440 *E 0752*	— West jetty		**F. R**	16	3	Wooden mast	
9450 ***E 0759***	Rade de Hyeres head of jetty.	43 07 6 15	**Occ. G** period 4^s lt. 2^s, ec. 2^s	20	8	Black pylon ; 19	
9460 *E 0760*	Les Bormettes, inner end of W. wharf.	43 07 6 15	**F. R**	23	2	Pylon; 20	
9470 *E 0762*	Batterie des Maures, 500 yards NW. of Pointe de Léoube. **U.**	43 07 6 17	**F. G** Cp. 120	39	9	Square tower	
9480 *E 0764*	**Cap Benat**	43 05 6 22	**Fl. R** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 100,000	198	18	White cylindrical masonry tower, frame of dwelling; **41.**	Visible 207°–96°. Signal station.
9490 *E 0768*	Le Lavandou, head of **E.** jetty. **U.**	43 08 6 22	**Occ.—W. R. G.** period 4^s lt. 2^s, ec. 2^s Cp. W. 5,000, R. 1,000, G. 200	26	10	Green and white pylon; 23.	R. 357°–268°, W.–316°, G.–329°, W.–357°.
9500 *E 0770*	**Titan, or Ile du Levant,** E. point of island.	43 03 6 31	**Fl. W** period 10^s fl. 0.3^s, ec. 9.7^s Cp. 120,000	230	21	White tower, frame of dwelling; 23.	Visible 154°–44°. Signal station.
9510 *E 0771*	Cavalaire, head of jetty. **U.**	43 10 6 32	**F. R**	23	9	White post	

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9520 *E 0772*	**Cap Camarat,** summit	N. E. 43 12 6 40	**Gp. Fl. W. (4)** period 25^s fl. 0.3^s, ec. 3.8^s " 0.3^s, " 3.8^s " 0.3^s, " 3.8^s " 0.3^s, " 12.4^s Cp. 1,500,000	426	28	Square tower near semaphore; 69.	Visible 190°–49°. Signal station.
9530 *E 0774*	La Moutte Tower, Basse de La Moutte, off Cap St. Tropez. **U.**	43 16 6 43	**Occ. R** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 100	47	8	Tower, upper part red, lower part white, daymark of 2 cones, bases together.	
9540 *E0782*	GOLFE DE ST. TROPEZ: **— Bertaud Point, head of wharf.**	43 16 6 36	**F.—W. R. G**	39	5		R. 219°–227°. W.–243°, G.–253°, obsc. elsewhere. Maintained by naval authorities.
9550 *E0778*	**— St. Tropez, N. jetty** **U.**	43 16 6 38	**Gp. Occ. (3)—W. R.** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. W. 8,000, R. 1,600	52	12	White tower; 50	W. 228°–245°, R.–228°.
9570 *E 0784*	— Seche a l'Huile **U.**	43 19 6 41	**Gp. Fl. (2)—W. R.** period 9^s Cp. W. 500, R. 100	**31**	W. **11** R. **9**	Red tower, white band, cone daymark, point **up**.	R. 75°–216°, W.–75°.
9580 *E 0788*	— Sainte Maxine, on head of jetty, N. side of gulf.	43 18 6 38	**F. G** Cp. **350**	28	10	Iron post	Visible **281°–191°**.
9590 *E0792*	GOLFO DE FREJUS: **— St. Raphael, head of S. jetty.**	43 25 6 46	**Gp. Occ. W. (2)** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s	45	12	Gray iron tower; 32	A F. R. is shown from water tower about 1 mi WSW.
9610 *E 0790*	— —On aviation signal mast.		**F. G**	66	3	Mast	A F. R. light is shown above this light during night flying.
9620 *E 0794*	— — Lion de Mer Island. **U.**		**Occ. W** period 3^s lt. 1.5^s, ec. 1.5^s Cp. 300	60	12	Red tank; 10	
9630 *E 0798*	**Agay,** Point Beaumette, E. of entrance.	43 26 6 52	**Occ.—W. R** period 4^s lt. 3^s, ec. 1^s Cp. W. 1,500, R. 300	92	W.15 R.12	White square tower, frame of dwelling; 48.	R. 260°–294°, W.–32°. A F.R. (Radio mast) exist about 3.5 miles 25° from light.
9640	CANNES: — Mandelieu AVIATION LIGHT.	43 33 6 57	**Gp. Fl. W** period 7.5^s		11		Shows Morse letter "B." *Occasional.*
9650 *E 0802*	— Le Secant Shoal, SW. point. **U.**	43 33 7 01	**Gp. Occ. G. (3)** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. 250	26	11	Black tower, cone topmark, point up; 51.	Visible 273°–183°.

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
9660 *E 0800*	CANNES: — Head of W. mole	N. E. 43 33 7 01	**Gp. Fl. W. (3)** period 12^s fl. 1^s, ec. 1.5^s " 1^s, " 1.5^s " 1^s, " 6^s Cp. 6,000	47	12	Masonry tower; 36	
9670 *E 0806*	GOLFE-JUAN: — La Fourmigue, in center of gulf. **U.**	43 32 7 05	**Occ. G** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 50	55	6	Black turret, cone topmark, point up; 44.	
9680 *E 0808*	— **Vallauris,** 380 yards S. of Observatory.	43 34 7 04	**Gp. Occ. (2)—W. R. G.** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. W. 6,000, R. 1,200, G. 750	546	W.18 R.15 G.14	White square tower; 51	G. 265°–305°, W.–309°, R.–336° 30′, W.–342° 30′, G.–9°, obsc. elsewhere.
9690 *E 0810*	— — E. head of outer jetty.		**Occ. R** period 4^s lt. 2^s, ec. 2^s Cp. 600	30	10	Black and white iron column; 19.	Visible 90°–270°.
9710 *E 0814*	— Pointe de L'Ilette (Cap d'Antibes), E. entrance of gulf.	43 33 7 07	**Gp. Occ. (3)—W. R. G.** period 12^s lt. 4^s, ec. 1^s " 4^s, " 1^s " 1^s, " 1^s Cp. W. 3,500, R. 700, G. 450	48	W.12 R.12 G.12	White cylindrical tower, frame of dwelling; 30.	W. 270°–45°, R.–56°, G.–70°, R.–90°, W.–135°, obsc. elsewhere.
9720 *E 0818*	**La Garoupe,** 1.5 miles S. of Antibes.	43 34 7 08	**Gp. Fl. W. (2)** period 10^s fl. 0.2^s, ec. 2.3^s " 0.2^s, " 7.3^s Cp. 400,000	338	25	White square tower; 69	**Radiobeacon.** Signal station.
9730 *E 0820*	Antibes, head of E. mole.	43 35 7 08	**Gp. Occ. (3)—W. R.** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. W. 5,000 R. 1,000	51	W.12 R.12	White cylindrical tower; 35.	W. coast–247°, R.–319°, obscured–coast.
9740	NICE: La Californie AVIATION LIGHT.	43 40 7 13	**Gp. Fl. W. (4)** period 7.5^s	82	15	Red and white pylon; 72	Shows Morse letter "V." Visible 265°–26°.
9750 *E0822*	— Head of outer jetty	43 41 7 17	**Fl. R** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 100,000	71	14	White square tower; 46	Three F. G. lights are shown on the head of each of the three moles on N. side of outer harbor. Two F. R. lights are shown on inner face of outer mole.
9760 *E 0832*	Villefranche, head of mole of basin.	43 42 7 19	**Qk. Fl.—W. R.** 60 fl. per min. Cp. W. 800 R. 160	25	W.10 R.10	Iron post; 13	R. 9°–286°, W.–311°, R.–335°, W.–9°.
9770 *E 0830*	— Head of mole near health office. **U.**		**Gp. Occ. R. (2)** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 600	33	11	White column; 19	

FRANCE—SOUTH COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
9780 *E 0828*	**Cap Ferrat**	N. E. 43 40 7 20	**Fl. W** period 3^s fl. 0.1^s, ec. 2.9^s Cp. 1,000,000	225	21	White and green tower; 106.	
9790 *E 0834*	RADE DE BEAULIEU: — St. Jean, head of E. mole. U.	43 41 7 20	**Gp. Occ. R. (4)** period 12^s lt. 1^s, ec. 1^s “ 1^s, “ 1^s “ 1^s, “ 1^s “ 5^s, “ 1^s	24	10	White column; 19	
9800 *E 0836*	— Beaulieu, head of outer jetty.	43 42 7 20	**Gp. Occ. R. (2)** period 6^s lt. 3^s, ec. 1^s “ 1^s, “ 1^s	30	10	White iron column; 22	Locally maintained.
9810 *E 0842*	MONACO: — **Monte Carlo Breakwater,** on head.	43 44 7 26	**F. G** Cp. 400	49	12	Octagonal masonry tower.	
9820 *E 0840*	— Head of S. breakwater.		**Occ. R** period 4^s lt. 3^s, ec. 1^s **Cp. 600**	49	12	Octagonal masonry tower.	
9840 *E 0848*	Menton, head of jetty	43 46 7 31	**Occ. W** period 4^s lt. 3^s, ec. 1^s Cp. 3,000	52	12	White iron tower; 31	Obscured by Cap Martin.

ITALY—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
9850 *E 1148*	San Remo, head of breakwater.	43 49 7 47	**Occ. R** period 5^s lt. 2.5^s, ec. 2.5^s	28	9	White truncated conical tower; 25.	
9860 *E 1150*	— SE. angle of new quay.		**Occ. G** period 5^s lt. 2.5^s, ec. 2.5^s Cp. 14	30	9	White circular tower; 25	
9870 *E 1152*	**Capo d' Arma** (Punta Verde).	43 49 7 50	**Gp. Fl. W. (2)** period 15^s fl. 0.3^s, ec. 3.4^s “ 0.3^s, “ 11^s	166	19	White stone tower, dwelling, black and white bands; 62.	
9880 *E 1156*	PORTO MAURIZIO: — About 165 yards from head of S. mole.	43 52 8 02	**Occ. W** period 4^s lt. 2^s, ec. 2^s	37	11	White masonry tower; 33.	Visible 210°–90°.
9890 *E 1154*	— Near head of S. mole	43 52 8 02	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	28	5	Red iron column; 15	
9900 *E 1158*	— Near head of N. mole.	43 53 8 01	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	28	6	White masonry tower; 22.	Visible seaward over on arc of 240°.
9910 *E 1160*	— Near root of S. mole		**F. R**	18	4	Cement column	Obscured 292°–32°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

ITALY—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
9920 *E1162*	PORTO DE IMPERIA LEVANTE: — Oneglia, S. head of E. mole.	N. E. 43 53 8 02	**Gp. Fl. G. (2)** period 7^s fl. 1^s, ec. 1^s " 1^s, " 4^s	31	8	White conical tower, lantern; 23	
9930 *E 1164*	— S. head of W. mole		**Gp. Fl. R. (2)** period 7^s fl. 1^s, ec. 1^s " 1^s, " 4^s	28	8	White conical tower, lantern; 23.	
9940 *E 1168*	**Capo Mele**	43 57 8 10	**Gp. Fl. W. (3)** period 15^s fl. 0.2^s, ec. 2.8^s " 0.2^s, " 2.8^s " 0.2^s, " 8.8^s Cp. 83,800	308	24	White octagonal structure, two galleries; attached to red three-story dwelling; 82.	Visible 196°–56°.
9950 *E 1170*	Laigueglia, on beach	43 59 8 10	**F. R**	19	2	White concrete post; 15	Fishing light.
9960 *E 1172*	VADO: — **Capo Vado**, S. entrance to port.	44 15 8 27	**Gp. Fl. W. (4)** period 15^s fl. 0.5^s, ec. 2.0^s " 0.5^s, " 2.0^s " 0.5^s, " 2.0^s " 0.5^s, " 7.0^s Cp. 8,000	141	18	White tower, red bands, three-story dwelling attached; 114	Obscured from the anchorage above Capo Vado when bearing less than 173°, and to the S. when obscured by Bergeggi Island 12°–17°.
9970 *E 1174*	— Ballata River, head of S. mole.	44 16 8 27	**2 F. R.** (vert.)	31 18	1	Post	Private light.
9980 *E 1178*	Fort San Lorenzo		**Occ. W** period 3^s lt. 2^s, ec. 1^s	39	12	White octagonal tower; 20.	
9990 *E 1180*	— Segno River, head of N. mole.		**3 F. G.** (vert.)	33 23 13	3	Post	Private light.
10000 *E 1182*	Quilliano River, on landing pier near entrance.	44 17 8 27	**2 F. G.** (vert.)	14 27	1	Post	Private light.
10010 *E 1184*	Fornaci, head of mole	44 17 8 28	**Occ. R** period 2^s lt. 1^s, ec. 1^s Cp. 100	27	3	Red skeleton structure on white house, black bands; 16.	Private light.
10020 *E 1194*	SAVONA: — **Molo delle Casse**	44 19 8 30	**Fl. W** period 5.5^s fl. 1.5^s, ec. 4.0^s Cp. 2,400	82	15	Gray iron skeleton tower, masonry base; 65.	
10030 *E 1192*	— Head of Molo Frangiflutti.		**Fl. R** period 2^s fl. 0.5^s, ec. 1.5^s	30	6	Black column, white bands and tank; 16.	Obscured 16°–68°.
10040 *E 1188*	— Head of Miramare Mole.		**2 F. G.** (vert.)	33	2	Iron framework structure on green hut; 22.	
10050 *E 1190*	— Punta Garbossa, head of Sottoflutto Mole.		**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	39	5	Gray framework mast on square concrete hut 33.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ITALY—WEST COAST						
	GENOA (GENOVA) APPROACH:	N. E.					
10080 *E 1204*	— Pra, head of "Ilva" pier.	44 25 8 46	**F. W., F. R.** (vert).	28 21	2	Metal framework structure; 11.	
10090 *E1208*	— Multedo, head of W. mole.	44 25 8 50	**Occ. R**	----	7	--------------------	
	GENOA (GENOVA):						
11000 *E1212*	**Capo del Faro,** W. of port.	44 24 8 54	**Gp. Fl. W. (2)** period 10 fl. 0.2^s, ec. 2.3^s " 0.2^s, ec. 7.3^s Cp. 745,000	385	27	Square tower, 2 galleries, on yellow dwelling; 249.	Visible 290°–110° **Radiobeacon.** F. R. lights are shown from each of the radio masts at Granarolo.
11002	— Ponte Carlo Canepa, head of spur.	44 24 8 53	**Gp. Fl. R. (3)** period 7^s fl. 0.5^s, ec. 1^s " 0.5^s, ec. 1^s " 0.5^s, ec. 3.5^s	33	6	--------------------	
11005	— — Spur, opposite Ponte Carlo Canepa.	-------	**Gp. Fl. G. (3)** period 7^s fl. 0.5^s, ec. 1^s " 0.5^s, ec. 1^s " 0.5^s, ec. 3.5^s	33	6	--------------------	
11010 *E 1218*	— E. head of Duca di Galiera Mole.	-------	**Gp. Fl. R. (2)** period 6^s fl. 1^s, ec. 1^s " 1^s, " 3^s Cp. 600	72	8	Red pyramidal skeleton iron tower, square base; 49.	
11120 *E1224*	— Molo Umberto Cagni, head.	44 24 8 56	**Fl. G** period 3^s	20	6	Masonry hut; 8	
11150 *E1216*	**— NE. corner of spur of Molo Duca di Galliera.**	-------	**Gp. Fl. R. (3)** period 7^s fl 0.5^s, ec. 1^s " 0.5^s, " 1^s " 0.5^s, " 3.5^s	33	6	--------------------	
11160 *E 1222*	— Molo Giano	-------	**Fl. W** period 3^s fl. 0.5^s, ec. 2.5^s	16	8	White lantern on white cylindrical concrete tower, black bands; 10.	Locally maintained.
11170 *E 1226*	— Ponte Pietro Paleocapa, on NE. angle.	-------	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	26	4	Red brick tower at end of building, red lantern.	Locally maintained.
11180 *E 1228*	— Molo Vecchio	-------	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	26	3	Green lantern on gray cylindrical concrete tower; 18.	Locally maintained.
11190	— Calata Canzio, head of pier, N. side of entrance to Bacino della Lanterna.	44 24 8 55	**Gp. Fl. G. (3)** period 7^s fl. 0.5^s, ec. 1^s " 0.5^s, " 1^s " 0.5^s " 3.5^s	35	6	--------------------	
11200 *E1240*	— **Vagno Point,** E. of entrance to port.	44 24 8 57	**Gp. Fl. W. (3)** period 16^s fl. 2^s, ec. 2^s " 2^s, " 2^s " 2^s, " 6^s Cp. 7,500	95	15	White masonry tower; 34.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			ITALY—WEST COAST				
		N. E.					
11210 *E 1236*	Camogli, extremity of outer breakwater.	44 21 9 09	Fl. W period 2.5^s fl. 0.7^s, ec. 1.8^s	28	10	White iron structure; 15	Fl. R. and F. G. lights mark passage to inner harbor.
11220 *E 1244*	PORTOFINO: — **Portofino Point**	44 18 9 13	Fl. W period 5^s fl. 1^s, ec. 4^s Cp. 2,700	131	17	Tower, two-story white masonry house; 42.	Visible 155°–98°.
11230 *E 1246*	— N. side of entrance		Fl. G period 3^s fl. 0.5^s, ec. 2.5^s Cp. 24	23	6	White post; 14	
11240 *E 1248*	— Coppo Point		Fl. R period 3^s. fl. 0.5^s, ec. 2.5^s	31	7	Iron post; 15	Visible 198°–305°.
11250 *E 1254*	Santa Margherita, on head of mole.	44 20 9 13	Fl. R period 5^s fl. 0.5^s, ec. 4.5^s	19	3	Iron post, red and white bands; 14.	
11260 *E 1256*	Porto di Rapallo, head of Carlo Alberto Mole.	44 21 9 14	Gp. Fl. R. (2) period 15^s fl. 2.5^s, ec. 2.5^s " 2.5^s, " 7.5^s Cp. 85	25	7	White truncated conical tower, red stripes; 20.	
11370 *E 1258*	Sestri Levante, outer end of breakwater.	44 16 9 23	F. G	26	2	White concrete post; 20	Locally maintained.
11380 *E 1262*	GOLFO DI SPEZIA: — **Isola del Tino**, SW. part of island, at entrance at gulf.	44 02 9 51	Gp. Fl. W. (3) period 15^s fl. 0.8^s, ec. 2^s " 0.8^s " 2^s " 0.8^s, " 8.6^s Cp. 220,000	386	26	Red cylindrical tower, three-story red dwelling; 80.	**Radiobeacon.**
11390 *E 1260*	— **Porto Venere**, N. of Palmaria Island, on Little Passage.	44 03 9 50	Occ. R period 2^s lt. 1^s, ec. 1^s	27	5	Iron skeleton structure, red and white bands; 18.	
11400	— Seno del Terrizzo, N. part of Isola Palmaria.		F. R		2	Iron pole	Visible 108°–195°
11410 *E 1266*	— **Torre della Scuola Islet.**	44 03 9 52	Gp. Fl. W. (2) period 5^s fl. 0.5^s, ec. 1^s " 0.5^s, " 3^s Cp. 200	52	10	Iron framework structure; 6.	
11420	— *Lighted Buoy*, 1,070 yards 113° from Castagna Point.		Fl. W period 5^s fl. 0.5^s, ec. 4.5^s Cp. 3	8	2	White buoy	
11430	— Punta Castagna, small mole W. of point.		F. R		2	Concrete post	Visible 135°–215°.

ITALY—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GOLFO DI SPEZIA: — Spezia:	N. E.					
11440 *E1298*	— — Punta Santa Maria.	44 04 9 51	**Fl. R** period 4ˢ fl. 0.5ˢ, ec. 3.5ˢ	36	6	White masonry tower, lower part red.	Obscured 335°-347°.
11450	— — SW. head of detached breakwater.		**Fl. G** period 4ˢ fl. 0.5, ec. 3.5	36	6	White masonry tower, lower part black.	
11460	— — *Punta del Varignano Lighted Buoy.*		**F. R**			White buoy	
11470	— — Punta del Pezzino.		**2 F. R** (vert.)		2	Lamp post	
11480	— — Seno di Cadimare.		**F. R**		2	Concrete post; 16	Visible 140°–230°.
	— — Military Port:						
11490 *E1300*	— — — Cadimare Mole, S. entrance to port.	44 05 9 50	**Fl. R** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ Cp. 14	26	4	Lamp post, white and red bands; 16.	
11500 *E1302*	— — — S. head of inner detached breakwater S. entrance to port.		**Fl. G** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ Cp. 10	26	4	Lamp post, white and black bands; 16.	
11510 *E1304*	— — — Inner detached breakwater, N. angle.	44 06 9 50	**Fl. W** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ Cp. 24	23	8	White iron post; 16	
11520 *E 1316*	— — — Pegassano, on city wall, behind arsenal, rear.		**Occ. W** period 2ˢ lt. 1ˢ, ec. 1ˢ Cp. 30	157	11	Pentagonal masonry tower; red and white checkers; 44.	Reserve light F. G.
11520.1 *E 1314*	— — — — Veleria, on roof of factory, middle.		**Occ. R** period 5ˢ lt. 4ˢ, ec. 1ˢ	90	10	White truncated pyramid, black stripes; 14.	Range lights, 306°.
11520.2 *E 1312*	— — — — NE. wing of roof of factory, front.		**Occ. R** period 5ˢ lt. 4ˢ, ec. 1ˢ	78	10	White truncated pyramid, black stripes; 26.	
11530 *E 1320*	— — — S. side of entrance to Basin No. 1.		**F. R**	34		Black and white banded column with disk; 37.	
11540 *E 1318*	— — — N. side of entrance to Basin No. 1.		**F. G**	34		Black and white banded column with disk; 47.	A F. R. light is shown from the W. side of the entrance to the dockyard.
11550 *E 1308*	— — — Head of Molo Lagora.	44 06 9 50	**Fl. G** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	18	4	Black iron post; 15	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

ITALY—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GOLFO DI SPEZIA: — Spezia: — — Military Port:	N. E.					
11560 *E1306*	— — — Head of breakwater, S. side of N. entrance to Duca degli Abruzzi Basin.	44 06 9 50	**Fl. R.** period 3^s fl. 0.3^s, ec. 2.7^s	18	4	Red iron post; 15	
11570 *E1292*	— — N. head of Mirabello Mole.		**Fl. R.** period 3^s	26	3	White and red lamp post.	
11575 *E1290*	— — Italia Molo, on head.		**Fl. R.** period 4^s fl. 1^s, ec. 3^s	26	6	White tower red bands; 25.	
11580 *E1288*	— — S. head of Molo Garibaldi.		**Fl. G.** period 4^s fl. 1^s, ec. 3^s	29	4	Black iron skeleton structure on square black and white masonry hut; 15.	
11582 *E1286*	— — About 1.08 miles 16° 30′ from Molo Garibaldi Root.		**Fl. W.** period 2^s fl. 0.5^s, ec. 1.5^s	39	8	Framework structure, black and white bands.	Private.
11590	— — Head of Molo dei Pagliari.	44 06 9 51	**F. R., F. G.** (vert.)	26	1	Concrete pillar; 20	
11592	— — Beacon	44 06 9 51	**F. R.**	20	3	Concrete post	
11594	— — Beacon	44 06 9 51	**F. G.**	20	3	Concrete post	
11600	— — Porticiollo San Bartolomeo, N. side of entrance.	44 06 9 52	**F. R.**	20	3	Iron framework; 16	
11610	— — — S. side of entrance.		**F. G.**	20	3	Concrete post; 16	
11620 *E1278*	— — Head of Molo Odero-Terni-Orlando-Workshop.	44 05 9 52	**F. G.**	29	1	Concrete post	
11630 *E1270*	— — E. head of outer detached breakwater.	44 05 9 53	**Gp. Fl. R.** (2) period 5^s fl. 0.5^s, ec. 1.0^s " 0.5^s, " 3.0^s Cp. 44	33	7	Masonry tower, red and white bands; 23.	
11640 *E1274*	— — Punta Santa Teresa, head of mole.	44 05 9 53	**Gp. Fl. G.** (2) period 5^s fl. 0.5^s, ec. 1.0^s " 0.5^s, " 3.0^s	33	6	Cylindrical masonry tower, black and white bands; 11.	
11650 *E 1324*	Lerici, head of mole	44 04 9 54	**Occ. G.** period 2^s lt. 1^s, ec. 1^s	26	6	Post, black and white bands; 16.	

ITALY—WEST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
11660 *E 1326*	Magra River, E. side of entrance, head of small mole.	44 03 9 59	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	23	3	Black and white lamp post; 15.	Visible 298°-43°.
11670 *E 1330*	Apuania (Marina di Carrara) new head of Diga Foranea.	44 02 10 03	**Fl. R** period 4^s fl. 1^s, ec. 3^s	39	7	White iron post, red bands; 16.	
11671 ***E1328***	— Mole di Ponente, root.	44 02 10 02	**Fl. W** period 5^s fl. 1^s, ec. 4^s	74	14	Quadrangular tower on one corner of dwelling.	
11672 ***E1332***	— — E. Breakwater.		**Fl. G** period 4^s fl. 1^s, ec. 3^s		4		
11678	Forte dei Marmi, head of mole.	43 57 10 10	**F. R**	28	2	Cement post	
11680 *E 1344*	VIAREGGIO: — **Burlamacca Canal**, near root of S. mole.	43 52 10 15	**Gp. Fl. W. (2)** period 10^s fl. 2^s, ec. 1^s " 2^s, " 5^s Cp. 3,100	54	13	White cylindrical tower, building.	2 F. G. lights (vert.) are shown at head of S. mole. Storm signals.
11690 *E 1346*	— Head of S. breakwater.	43 52 10 14	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	30	5	White lamp post; 16	
11700 *E 1340*	— Head of N. mole		**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 20	30	5	White iron column; 15	
11715	ARNO RIVER: — Head of S. breakwater.	43 41 10 16	**F. G**		2		
11718	— North light, on NW. extremity of shoals.	43 35 10 13	**Gp. Fl. W. (2)** period 10^s fl. 1^s, ec. 2^s " 1^s, " 6^s		15	Cylindrical masonry tower.	
11720 *E 1348*	SECHE DELLA MELORIA: — S. edge of bank **U.**	43 33 10 13	**Fl. R** period 4^s fl. 1^s, ec. 3^s	60	10	White iron pyramidal skeleton steel structure; 52.	
11740 ***E1358***	LIVORNO (LEGHORN): — Head of Diga Meloria.	43 33 10 17	**Gp. Fl. (3) — W. G.** period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 5.5^s	30	W. 10 G. 6	White octagonal hut on black skeleton structure, red lantern.	W. 64°-138°, G.-341°, obscured elsewhere.
11750 *E 1370*	— Diga Courvilinea North Head. **U.**	43 33 10 18	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 20	22	4	White iron column on cylindrical iton hut, red lantern.	Visible only over the inner port.
11760 *E 1368*	— Diga Curvilinea South Head. **U.**		**Fl.—W. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. W. 260, R. 52	74	W. 12 R. 7	Cylindrical stone tower	R. 180°-78°, W.-139°, obscured-180°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
ITALY—WEST COAST							
	LIVORNO (LEGHORN):	N. E.					
11770 *E 1372*	— Livorno, on islet at S. entrance.	43 33 10 18	**Gp. Fl. W.** (4) period 20ˢ fl. 0.2ˢ, ec. 3.1ˢ " 0.2ˢ, " 3.1ˢ " 0.2ˢ, " 3.1ˢ " 0.2ˢ, " 9.9ˢ	172	19	Cylindrical masonry tower; 172.	**Radiobeacon.**
11780 *E1360*	— Head of Diga Marzocco.	43 33 10 18	**Gp. Fl. R.** (3) period 10ˢ fl. 0.5ˢ, ec. 1.5ˢ " 0.5ˢ, " 1.5ˢ " 0.5ˢ, " 1.5ˢ	28	7	White octagonal tower, red lantern.	
11790 *E 1362*	— Darsena dei Petroli, head of W. mole.	43 33 10 17	**Fl. R** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	10	2	White masonry hut; 5	
11800 *E 1364*	— Darsena Pisa, head of W. mole.	43 33 10 17	**Fl. G** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	10	2	White masonry hut; 5	
11810 *E 1378*	— Diga Rettilinea		**Gp. Fl. R** period 6ˢ fl. 0.5ˢ, ec. 1ˢ " 0.5ˢ, " 4ˢ	26	4	Iron column on cylindrical hut, red and white bands.	Visible 281°–135°.
11820 *E1376*	— Calata Orlando on SE corner.		**Gp. Fl. R.** (2) period 5ˢ	21	4	Red and white banded iron column on cylindrical hut.	Visible 231°–95°.
11830 *E 1380*	— Head of Molo Mediceo, S. side of entrance.		**Gp. Fl. G.** (2) period 6ˢ fl. 0.5ˢ, ec. 1ˢ " 0.5ˢ, " 4ˢ	25	4	Iron column on cylindrical hut, black and white bands.	Visible only within the harbor.
11840 *E 1374*	— W. head of Diga Della Veglia. U.		**Fl. G** period 5ˢ fl. 0.5ˢ, ec. 4.5ˢ Cp. 34	56	6	White pyramidal iron framework structure, white lantern; 44.	Visible 330° 30′–240° 30′.
11850	— Naval Academy	43 32 10 18	**2 F. G.** (vert.)	20	3	Pole, black and white bands.	
11860	— Porticciolo San Leopoldo.	43 31 10 19	**F. G**	18	3	Pole, black and white bands.	
11872	— Quercianella	43 27 10 22	**F. R**	23	5	Concrete post; 16	
CORSICA (F.)							
	BONIFACIO STRAIT:[1]						
11880 *E 0876*	— **Cap Pertusato,** S. point of Corsica.	41 22 9 11	**Gp. Fl. W.** (2) period 10ˢ fl. 0.4ˢ, ec. 2.1ˢ " 0.4ˢ, " 7.1ˢ Cp. 1,500,000	324	25	Square tower, granite base, upper part white, lower black; 53.	
11890 *E0872*	— **Ile Lavezzi,** on Point Becche.	41 20 9 16	**Gp. Occ.** (2)—**W. R. G.** period 8ˢ lt. 4.5ˢ, ec. 1ˢ lt. 1.5ˢ, ec. 1ˢ Cp. W. 20,000, R. 4,000, G. 2,500	90	15	Square tower, and dwelling, red and white bands; 33.	W. 53°–124°, G.–237°, W.–334°, R.–53°, partially obsc. 138°–218°. **Radiobeacon.**

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[1] For other other lights in Bonifacio Strait, see No. 12230.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CORSICA (F.)						
	BONIFACIO STRAIT:[1]	N. E.					
11900 *E 0874*	— Lavezzi Rock Beacon, N. side of Bocca Grande Channel. **U.**	41 19 9 15	**Gp. Occ. W. (3)** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. 1,000	54	12	Red turret, black bands; 56.	
	— Port Bonifacio:						
11910 *E 0878*	— — Madonetta Point, W. side of entrance to port.	41 34 9 09	**Occ. W** period 3^s lt. 1.5^s, ec. 1.5^s	98	10	White square tower, frame of dwelling; 36.	
11920 *E 0886*	— — Arinella Point **U.**		**F. R** Cp. 25	27	5	Red concrete column; 30	
11930 *E 0884*	— — Grand Débarcadère. **U.**	41 23 9 10	**Occ. G** period 5^s lt. 4^s, ec. 1^s Cp. 20	23	4	White column, upper part green; 20.	
11940 *E 0882*	— — Cacavento Point **U.**	41 23 9 09	**F. G** Cp. 20	20	4	White pyramid; 13	
11950 *E0888*	— **Cap Feno,** extremity of cape. **U.**	41 23 9 06	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 8,500	75	14	White rectangular masonry tower, upper part black; 30.	Visible 94°–126°, intensified 105°–115°
19960 *E 0890*	**Les Moines (Monachi Rocks),** SW. side of Corsica. **U.**	41 27 8 54	**Gp. Fl. R. (2)** period 10^s fl. 0.2^s, ec. 2.3^s " 0.2^s, " 7.3^s Cp. 4,000	87	15	White turret-beacon	Irregular.
11970 *E 0894*	**Pointe de Sènètose (Aquila Point).**	41 33 8 48	**Fl.—W. R** period 5^s fl. 0.6^s, ec. 4.4^s Cp. W. 30,000, R. 6,000	230	W. 19 R. 18	Two white towers, 49 feet apart, connected by frame of building; 42.	R. 306°–328° except where obscured by Pointe Latoniccia, W.–306°. **Radiobeacon.**
	GOLFE DE VALINCO:						
11980 *E 0896*	— **Propriano,** Scoglio Longo, head of jetty.	41 41 8 54	**Gp. Occ. (3)—W. R.** period 12^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 1.5^s Cp. W. 16,000, R. 3,200	55	12	White cylindrical masonry tower; 47.	W. 63°–97°, R.–137°, W.–2°, obscured elsewhere.
11990 *E 0898*	— — E. head of new jetty. **U.**		**Occ. G** period 4^s lt. 2^s, ec. 2^s Cp. 375	33	12	White metal column; 19	
12000 *E0904*	— Campo del Oro AVIATION LIGHT.	41 55 8 48	**Gp. Fl. W. (2)** period 5^s		16		Flashes Morse letter "A".
12010 *E 0900*	**Cap Muro**	41 44 8 40	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s	174	15	White square tower; 29	Visible 276°–186°.

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[1] For other other lights in Bonifacio Strait, see No. 12230.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

CORSICA (F.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
12020 *E 0908*	AJACCIO: — Citadelle	N. E. 41 55 8 45	**Gp. Fl. (2)— W. R.** period 10^{s} fl. 0.3^{s}, ec. 2.2^{s} " 0.3^{s}, " 7.2^{s} Cp. W. 500,000, R. 100,000	62	13	White circular tower; 36	**R. 45°–57°, W.– elsewhere.**
12030 *E 0910*	— Jettee de la Citadelle		**Occ. R** period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 250	40	10	White column; 21	
12040 *E 0912*	— Capucins Jetty U.		**Gp. Occ. W. (3)** period 12^{s} lt. 4^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 4^{s}, " 1^{s} Cp. 1,200	22	9	White iron column; 19	Obscured 65°–110°.
12050 *E 0916*	— Margonajo Jetty U.	41 55 8 46	**F.—R. G** Cp. R. 250, G. 150	22	R. 10 G. 9	White iron column; 19	R. 121°–301°, G.–50°, obscured elsewhere. An occasional Qk. Fl.—R. G. on head of Darse d'Aspretto jetty shows G. 35°–300°, vis. 9 miles. R. elsewhere, vis. 10 miles. Elevation 26 feet from gray column; 13.
12060	— Harbor office		**F. G**				Visible 233°–288°.
12070 ***E0906***	— La Citadelle Rock U.	41 55 8 44	**Occ. R** period 2.4^{s} lt. 1.2^{s}, ec. 1.2^{s} Cp. under 100	29	5	Red tower	
12080 ***E0902***	**Île Sanguinaire,** summit, N. entrance to Ajaccio Gulf.	41 53 8 36	**Gp. Fl. W. (3)** period 20^{s} fl. 0.4^{s}, ec. 3.6^{s} " 0.4^{s}, " 3.6^{s} " 0.4^{s}, " 11.6^{s} Cp. 200,000	322	25	Gray square tower; 52	
12090 ***E0918***	**Pointe Revellata**	42 35 8 44	**Gp. Fl. W. (2)** period 15^{s} fl. 0.2^{s}, ec. 3.8^{s} " 0.2^{s}, " 10.8^{s} Cp. 650,000	289	24	Gray square tower; 52	Visible 60°–360°. **Radiobeacon.**
12100 *E 0920*	Calvi, foot of citadel U.	42 34 8 46	**Occ. W** period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 1,220	97	15	Iron hut, upper part red, lower part white; 8.	Obscured when bearing less than 105°30′.
12110 *E 0922*	— Head of jetty U.		**F. G** Cp. 150	32	9	White iron column; 7	
12120 *E 0926*	**Île Rousse,** summit of Pietra Island, NW. side of Corsica.	42 39 8 56	**Gp. Occ. (2)— W. R.** period 8^{s} lt 4.5^{s}, ec. 1^{s} " 1.5^{s}, " 1^{s} Cp. W. 5,000, R. 1,000	180	W. 18 R. 15	White square tower, frame of dwelling; 33.	R. 79°–coast, W.–79°.
12130 *E 0928*	Port de Île Rousse, head of shelter wall of jetty. U.	42 38 8 56	**F. G** Cp. 350	41	12	White masonry tower; 18.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
CORSICA (F.)							
	GOLFE DE ST. FLORENTE:	N. E.					
12140 *E 0930*	— Mortella Point, W. side of entrance to gulf.	42 44 9 15	**Occ. W** period 4^s lt 3^s, ec. 1^s Cp. 750	140	14	White square turret, frame of dwelling, black cupola; 38.	Obscured on bearings E. of 124°.
12150 *E 0952*	— Cap Fornali (Fornali Point), near head of gulf.	42 41 9 17	**F. G** Cp. 25	46	5	White square turret, frame of dwelling; 31.	Obscured on bearings E. of 149°.
12160 *E 0852*	**Cap Corse,** Giraglia Islet, off N. point of Corsica.	43 02 9 24	**Fl. W** period 5^s fl. 0.4^s, ec. 4.6^s Cp. 8,000,000.	278	23	White tower; 73	Visible 57°–314°. **Radiobeacon.** Signal station.
12170 *E 0854*	Macinaggio, head of E. jetty. **U.**	42 57 9 27	**Gp. Occ. (2)— W. R.** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. W. 2,000 R. 400	33	W. 11 R. 9	Concrete post on hut; 26.	R. 193°–210°, W.–335°.
	BASTIA:						
12180 *E 0856*	— **Dragon Mole,** N. head of jetty.	42 42 9 27	**Gp. Occ. (3)— W. R.** period 12^s lt. 1.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 4.5^s, " 1.5^s Cp. W. 5,000, R. 1,000	54	13	White cylindrical tower; 36.	R. 328°–342°, W. elsewhere.
12190 *E 0858*	— Head of Genois Mole.	------	**Occ. W** period 4^s lt. 3^s, ec. 1^s Cp. 1,200	40	11	White cylindrical tower; 23.	An Occ. G. light is shown from the head of Jetée St. Nicolas. A F. R. light is shown from the head of Traverse du Fango, about 430 yards 334° from head of Jetée St. Nicolas.
12200 *E 0864*	**Alistro,** E. side of Corsica.	42 16 9 32	**Gp. Fl. W (2)** period 10^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 7.2^s Cp. 50,000	308	24	Gray octagonal tower, granite base, white dwelling; 82.	
	GOLFE DE PORTO VECCHIO:						
12210 *E 0868*	— **Pointe Chiappa,** S. side of the entrance to gulf.	41 36 9 22	**Occ.— W. R** period 4^s lt. 3^s, ec. 1^s Cp. W. 20,000, R. 4,000	216	W. 21 R. 17	White square tower, granite base, white house; 52.	R. 186°–200°, W. elsewhere. **Radiobeacon.**
12220 *E 0866*	— St. Cyprien Point, N. side of entrance to Gulf.	41 37 9 21	**Gp. Occ. (2)— W. R.** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s. " 1.5^s Cp. W. 500, R. 100	80	W. 13 R. 8	White square stone tower, dwelling; 36.	W. 220°–281°, R.–299° W.–72°, R.–84°, obsc. elsewhere.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SARDINIA (I.)						
	BONIFACIO STRAIT: [1]						
12230 *E 0942*	— **Isola Santa Maria,** Punta Filetto, E. entrance to strait.	41 18 9 23	**Gp. Fl. W. (4)** period 15^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 2^s " 0.5^s, " 7^s Cp. 1,200	49	12	Gray cylindrical tower marked "PUNTA FILETTO", red two-story dwelling; 41.	Visible 173°–252° and 333°–16°.
12240 *E 0946*	— Corcelli Rock (Isola Corcelli).	41 18 9 24	**Gp. Fl. R. (2)** period 10^s fl. 2^s, ec. 1^s " 2^s, " 5^s	59	7	White conical truncated tower, red bands; 26.	
12250 *E 0940*	— **Isola Razzoli,** SE. side of Boca Grande Channel.	41 18 9 20	**Fl. W** period 5^s fl. 0.2^s, ec. 4.8^s Cp. 30,000	282	23	Square tower on three story dwelling, black and white bands. Marked "FARO RAZZOLI"; 89.	Visible from 22°–292°.
12251 *E 0940*	— — Isola Razzoli		**Occ. R.** period 4^s lt. 3^s, ec. 1^s Cp. 706	246	13	Same structure as main light.	Visible from 92° 30′–106° 30′
12260 *E 0936*	— Port Longone (Santa Teresa di Gallura), E. side of entrance.	41 15 9 12	**Fl.—W. R.** period 2^s fl. 0.5^s, ec. 1.5^s Cp. W. 200, R. under 100	36	W. 8 R. 6	White masonry tower; 16.	R. 137–164°, W.–189°, R.–210°, obscured elsewhere.
12270 *E 0938*	— **Capo Testa,** W. entrance to strait.	41 15 9 09	**Gp. Fl. W. (3)** period 15^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 1.5^s " 1.5^s, " 7.5^s Cp. 2,300	219	17	White square tower, two galleries on square dwelling, marked "CAPO TESTA" in black; 77.	Visible 42°–256°.
12280 *E 1130*	**Punta Caprara, (Punta dello Scorno)** N. point of Isola Asinara, off NW. point of Sardinia.	41 07 8 19	**Gp. Fl. W. (4)** period 20^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 2.5^s " 0.5^s, " 2.5^s " 0.5^s, " 10.5^s Cp. 175,000	262	23	White circular tower, two galleries, on dwelling; 117.	
	GULF OF ASINARA: — Porto Torres:						
12290 *E 1138*	— — Pontile del Faro (tower).	40 50 8 24	**Gp. Fl. W. (2)** period 10^s fl. 1^s, ec. 2^s " 1^s, " 6^s Cp. 2,300	72	14	White octagonal tower; 49.	
12300 *E 1136*	— — Head of outer E. breakwater.		**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	36	5	Red and white banded metal lamp post; 18	
12310 *E 1140*	— — Head of outer W. breakwater.		**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	28	4	Gray cylindrical masonry hut; 16.	
12320 *E 1142*	— — Head of inner W. mole.		**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	13	3	Black circular masonry hut; 8.	
12330 *E 1144*	— — Head of inner E. mole.		**Fl. R** period 2^s fl. 0.5^s, ec. 1.5^s	13	4	Red circular masonry hut; 8.	

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[1] For other lights in Bonifacio Strait, see No. 11880.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks Fog signals
	SARDINIA (I.)						
	GULF OF ASINARA:	N. E.					
12340 *E 1134*	— Stentino (Stintino)	40 56 8 14	**F. R**	33	6	Concrete pyramidal tower.	*Occasional.* Locally maintained.
12350 *E 1132*	— Reale Roadstead, (Rada della Reale) N. end of Neri Shoal.	41 03 8 18	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 136	36	9	White cylindrical masonry tower on platform; 36.	
	PORTO CONTE:						
12360 *E 1128*	— Capo Caccia, W. entrance to port.	40 34 8 10	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	610	25	White cylindrical tower on three-story dwelling; 79.	
12370 *E1124*	— Port Conte, on point near Torre Nuova.	40 36 8 12	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. 850.	57	13	White iron skeleton structure, iron house; 33.	
12378	Isolotto Maddalenetta	40 34 8 18	**Fl. R** period 3^{s} fl. 0.3, ec. 2.7	33	6	White truncated tower; 23.	
	PORTO ALGHERO:						
12380 *E 1118*	— Head of small pier near health office		**F. G**	20	5	Red iron column, concrete base; 26.	Locally maintained.
12390 *E 1120*	— Head of S. breakwater.	40 34 8 18	**Fl. G** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s} Cp. 18.	39	5	Iron column, circular concrete base; 31.	
12400 *E 1116*	**Isola Rossa (Bosa)**, S. end.	40 17 8 29	**Gp. Fl. W. (4)** period 12^{s} fl. 1^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 5^{s}	84	15	Iron column on square yellow building; 53.	
12402	Isola Rossa (Bosa), at head of mole, eastern side.	40 17 8 29	**2 F. R.** (vert.)	30	6	Red iron post	
12406 *E 1111*	**Isolotto Mal di Ventre,** summit.	39 59 8 19	**Fl. W** period 5^{s} fl. 1^{s}, ec. 4^{s} **Occ. R** period 2^{s} lt. 1^{s}, ec. 1^{s}	74 70	12 10	White square masonry hut; 15. Same structure.	Visible 6°–18° axis over Il Cantalano Islet.
	GULF OF ORISTANO:						
12410 *E 1108*	— **Capo San Marco**	39 52 8 26	**Gp. Fl. W. (2)** period 10^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 7.5^{s} Cp. **12,000**	189	20	Yellow circular tower, two galleries, on two storied dwelling; 51.	
12420 *E 1106*	— Oristano (Grande Tower), N. side of gulf.	39 54 8 31	**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 260	60	10	Light gray circular tower; 54.	
12430 *E 1104*	— Capo della Frasca, NW. extremity.	39 46 8 27	**Fl. G** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	213	5	White square masonry hut, black bands.	
	SAN PIETRO CHANNEL:						
12440 *E 1092*	— Isolotto Ghinghetta, off Portoscuso, N. end of channel. **U.**	39 12 8 22	**Gp. Fl. (2)—** **W. R.** period 10^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 7^{s}	32	W.10 R.7	**Black and white striped** truncated tower, **33**.	W. 112°–153°, R. 165°, W.–100°, R.–112°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SARDINIA (I.)						
	SAN PIETRO CHANNEL:	N. E.					
12442 *E1094*	— Porto Vesme, head of mole.	39 12 8 24	Fl. R period 3^{s} fl. 0.5^{s}, ec. 2.5^{s} Cp. 50	16	6	Gray square masonry hut; 15.	
12444 *E1095*	— Head of New Mole	39 12 8 24	Fl. G period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	25	5	Black and white striped iron tower; 17.	
12450	— *Secca Grande Lighted Buoy,* 1.5 miles 280° from Isolotto Ghinghetta Light.	39 12 8 20	Fl. W period 4^{s} fl. 0.3^{s}, ec. 3.7^{s}	18	7	Buoy, red and black bands.	
12460 *E1096*	— Carloforte, E. side of San Pietro Island, head of landing pier.	39 09 8 18	2 F. R. (vert.)	31	6	Red iron structure on square hut; 23.	
12470 *E 1098*	— — Head of N. mole	-------	Fl. G period 1.5^{s} fl. 0.5^{s}, ec. 1^{s}	23	5	Circular masonry turret; 18.	
12478	— Leading beacon	-------	F. R	56	5	Masonry beacon, black and white bands.	In line 241°35′ with black buoy, Fl. R. ev. 3^{s}.
12480 *E 1100*	— — Head of S. mole	-------	Fl. R period 1.5^{s} fl. 0.5^{s}, ec. 1^{s}	21	5	Red skeleton iron tower	
12490 *E 1086*	Mangia Barche (Mangia-Barca) Islet.	39 04 8 21	Fl. W period 3^{s} fl. 0.5^{s}, ec. 2.5^{s} Cp. 400	31	11	White conical masonry hut; 28.	
12500 *E 1090*	**Capo Sandalo,** W. side of San Pietro Island.	39 09 8 13	Gp. Fl. W. (4) period 20^{s} fl. 0.2^{s}, ec. 2.3^{s} " 0.2^{s}, " 2.3^{s} " 0.2^{s}, " 2.3^{s} " 0.2^{s}, " 12.3^{s}	439	28	White circular tower, two galleries, on two-story dwelling; 100.	Visible 322°–191°, and in Pietro Channel 311°–322°.
	PALMAS BAY:						
12510 *E 1074*	— **Il Toro Islet** U.	38 52 8 25	Gp. Fl. (2)— W. R. period 10^{s} fl. 0.5^{s}, ec. 2.5^{s} " 0.5^{s}, " 6.5^{s} Cp. W. 344, R. 86	383	W.11 R.8	White cylindrical tower on white square masonry hut; 18.	R. 199°–205°, W. elsewhere.
12520 *E 1080*	— Antioco (Porto Ponte Romano), SE. of town.	39 03 8 28	Fl. W period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	69	14	Square tower on two-story dwelling, black and white.	
12530 *E 1084*	— — Coal wharf, SE. head.	-------	Fl. G period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	19	3	Black iron column on masonry base; 25.	
12540 *E 1072*	**Capo Spartivento,** S. point of Sardinia.	38 53 8 51	Gp. Fl. W. (3) period 15^{s} fl. 2^{s}, ec. 1.5^{s} " 2^{s}, " 1.5^{s} " 2^{s}, " 6.0^{s}	267	17	Red square tower, on two-story dwelling; 64.	Visible 240°–85°, and 93°–94°.

SARDINIA (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
12550 *E 1070*	Capo di Pula	38 59 9 01	**Gp. Fl. W. (4)** period 20^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 2.5^s " 0.5^s, " 2.5^s " 0.5^s, " 10.5^s Cp. 197	157	9	Hut on two-story cylindrical tower.	**Radio direction-finder.**
	GULF OF CAGLIARI: — Cagliari:						
12560	— — *Lighted Buoy*, about .4 mile 121° from Nouvo Molo di Ponente Light.	39 12 9 07	**Fl. G** period 3^s fl. 0.5^s, ec. 2.5^s	13	6	Black cylindrical buoy	
12570 *E 1062*	— — Head of outer W. breakwater (Nuovo Molo di Ponente).	39 12 9 07	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 170	44	9	Circular masonry tower; 30.	Visible 108°–41°.
12580 *E 1058*	— — W. head of Vecchio Molo di Levante.	39 13 9 07	**Occ. G** period 4^s lt. 2^s, ec. 2^s Cp. 22	31	4	Cylindrical masonry tower; 22.	
12590 *E 1060*	— — Head of Sabaudo Mole.		**Occ. R** period 4^s lt. 2^s, ec. 2^s Cp. 27	28	5	Cylindrical masonry tower; 21.	
12592	— — Post Office Mole, NW. corner.	39 13 9 07	**2F. G. (vert.)**				
12594	— — Pontile della Dorgana, SE. corner.	39 13 9 07	**2F. R. (vert.)**				
12600 *E 1064*	— — AVIATION LIGHT	39 15 9 04	**Fl. W**				
12610 *E 1054*	— **Capo San Elia**, on point, E. side of gulf.	39 11 9 09	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 70,000	239	22	Yellow cylindrical tower, two galleries attached to two-story dwelling; 78.	
12630 *E 1052*	Carbonara Bay	39 08 9 30	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 107	42	7	White skeleton iron tower; 15.	Visible 9°–58°.
12640 *E 1048*	**Isola dei Cavoli**, off Cape Carbonara, SE. point of Sardinia.	39 05 9 32	**Fl. W** period 7^s fl. 0.3^s, ec. 6.7^s Cp. 264,000	243	22	White circular tower, black bands, two galleries on three-story dwelling, FARO DI CAVOLI in black; 123.	Visible 204°–114°. Eclipse not total up to 6 miles.
E 1050			**Occ. R** period 5^s lt. 4^s, ec. 1^s Cp. 340	173	11	Same tower	Visible 76°–93°.
12650 *E 1044*	Berni Rocks, (Secca dei Berni) near Porto Giunco.	39 07 9 33	**Fl. W** period 2.5^s fl. 0.5^s, ec. 2^s Cp. 300	39	9	Truncated masonry beacon, white framework topmark .	

SARDINIA (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
12660 *E 1042*	**Capo Ferrato,** on E. extremity. **U.**	N. E. 39 18 9 38	**Gp. Fl. W. (3)** period 15^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 1.5^{s} " 0.5^{s}, " 10.5^{s} Cp. 410	149	11	White quadrangular masonry turret; 17.	
12670 *E 1032*	**Capo Bellavista,** summit of cape.	39 56 9 43	**Gp. Fl. W. (2)** period 10^{s} fl. 0.2^{s}, ec. 2.3^{s} " 0.2^{s}, " 7.3^{s} Cp. 24,000	541	24	White square tower with parapet, on dwelling, black bands, marked "BELLAVISTA"; 63.	
12680 *E 1036*	Arbatax, head of N. mole.	39 56 9 42	**Fl. W** period 3^{s} fl. 1^{s}, ec. 2^{s} Cp. **542**	45	12	White truncated conical masonry tower, red bands; 20.	
E 1038	-------	-------	**Occ. R** period 6^{s} lt. 4^{s}, ec. 2^{s} Cp. **65**	33	7	Window of same tower	Visible over an arc of 15° covering Ogliastra Islet.
12690 *E 1040*	— W. mole, 15 feet from head	-------	**Fl. G** period 4^{s} fl. 0.5^{s}, ec. 3.5^{s}	**26**	7	Black truncated tower white bands; 21.	
12700 *E1030*	**Capo Comino**	40 32 9 49	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 1,000	390	13	White quadrangular masonry tower; 15.	
12710	GULF OF OLBIA: — **Isola Tavolara,** on Timone Point, NE. point of island.	40 56 9 44	**Gp. Fl. W. (2)** period 10^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 7^{s} Cp. 1,600	236	15	White octagonal masonry structure; 23.	
12720	— *Sperlatto Shoal Lighted Buoy,* about 1 mile NW. of Capo Ceraso.	40 55 9 38	**Fl. R** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	**18**	5	Red buoy	
12730 *E 1014*	— Port Terranova: — — **Bocca Island,** S. side of entrance to port.	40 55 9 34	**Occ. W** period 5^{s} lt. 3^{s}, ec. 2^{s} Cp. 875	80	14	White square stone tower on two-story dwelling; "FARO DI ISOLA BOCCA" on sides; 72.	Visible 328°–264°. May show irregular 259°–264°. **Nautophone:** sounds 4 blasts every 30^{s}. Reserve bell: 1 stroke ev. 15^{s}.
12740 *E 1018*	— — Bianca Island, E. side.	40 55 9 31	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. **155**	31	9	White iron post; 29	**Siren:** hand operated, privately maintained. Light has intensified sector of 10° from 265° to 275° covering entrance and channel to Marine Station.
12750 *E 1022*	— — Entrance channel on N. side.	-------	**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s}	13	4	Black masonry beacon; 11.	
12752	— — Isola di Mezzo, on S. extremity.	40 55 9 31	**Fl. G** period 5^{s} fl. 1^{s}, ec. 4^{s}	18	4	Black lamppost; 18	
12760 *E 1020*	— — SE. angle of town.	-------	**F. R** Cp. 8	22	7	Iron post with 2 lamp brackets; 21.	

SARDINIA (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
12770 *E 1012*	GULF OF OLBIA: — Aranci Bay, head of mole.	N. E. 41 00 9 37	**F. R** Cp. 30	26	5	Iron post on white masonry hut; 8.	
12780 *E 1010*	— **Isolotto Figarello,** N. side of entrance to Gulf of Olbia. **U.**	40 59 9 39	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 300	230	11	White masonry tower, black bands; 22.	Visible 225°–76°. **Nautophone**: 3 blasts ev. 22^s. 0.5 mile NE. of light.
12790 *E 1002*	**Capo Ferro,** NE. side of Sardinia.	41 09 9 31	**Gp. Fl. W. (3)** period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s	170	19	White circular tower on two-story dwelling; 59.	
			Occ. R period 5^s lt. 4^s, ec. 1^s	139	11	Same tower	Visible 189°–203°.
12800 *E 1008*	— 350 yards 53° 30′ from main light.	41 09 9 32	**Fl. R** period 2^s fl. 0.5^s, ec. 1.5^s	29	6	Small white conical tower, red stripes; 23.	
12810 *E 1000*	Biscie Island, (Isola della Biscie), S. side.	41 10 9 31	**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	32	5	White conical tower, black stripes; 31.	Obscured 110°–255°.
12820 *E 0998*	Monaci Islands, summit of SW. islet.	41 13 9 31	**Fl.—W. R** period 5^s fl. 1^s, ec. 4^s	57	W. 11 R. 7	Iron skeleton structure, masonry base; 29.	R. 250°–265°, W.–319°, R.–352°, W.–250°.
12830	*Tre Monti Rock Lighted Buoy,* 0.78 mile 201° from Punta Rossa Light.	41 09 9 28	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	10	**4**	Red buoy, black bands name "Tre Monti" in white; 10.	
12840 *E 0996*	Punta Rossa, Caprera Island.	41 10 9 28	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	25	**4**	Iron column, gray tank; 16.	Visible 275°–110°. A F. W. light, visible **9** miles, is shown from head of small wharf on W. side of peninsula N. of Punta Rossa.
12850 *E 0992*	**Capo Orso,** N. extremity.	41 11 9 25	**Fl. W** period 3^s fl. 1^s, ec. 2^s Cp. 150	36	9	Skeleton structure on white hut; **33.**	
12854	**— Punta Villamarina, Isola S. Stefano.**	**41 11** **9 25**	**Fl. W** **period 8^s** **fl. 1^s, ec. 1^s** **" 1^s, " 5^s**	**46**	**10**	**White iron lampost**	
12860 *E 0970*	MADDALENA: — Chiesa Island, S. end of mole.	41 13 9 25	**2 F. W.** (vert.) Cp. 30	29	9	Concrete column; 28	
12870 *E 0968*	— — Summit, head of Maddalena Road.		**F. G**	59	6	Wooden pole; 17	Visible 50°–80° covering Paran and Mezzo Passo Shoals. Occ. R. obstruction lights are shown from two radio masts at Chiesa Island. In range with Forts Camico Light and bearing of 64° denotes W. entrance to La Maddalena.
12880	— — Beacon, 190 yards SW. of head of mole, on S. side of island.		**F. R**	7	6	Red pyramidal masonry beacon.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SARDINIA (I.)						
	MADDALENA:	N. E.					
12882 *E0957*	— Quardia Vecchia Range, front.	41 13 9 24	**Occ. R** period 2^s lt. 1^s, ec. 1^s		9		Range lights. Marks passage between Palan Shoal and Paura Inlet.
12882. 1 *E0957.1*	— — Rear about 950 yards 14° from front.		**Occ. R** period 4^s lt. 3^s, ec. 1^s		9		
12910 *E 0958*	— Via Nazionale, E. extremity.	41 13 9 25	**F.W., F.R.**	32 26	W. 6 R. 4	White concrete column, black bands; 31.	Locally maintained.
12920 ***E0954***	— Cala Gavetta, SW. elbow of wharf at E. side of entrance.	41 13 9 24	**F. G**	20	5	Black post	
12930 ***E0956***	— — New head of mole about 203 yards 202° from Garibaldi Column.		**F. R**	23	6	Red iron post	
12940 *E 0966*	— Head of breakwater, W. side of Chiesa Bay.		**2 F. R.** (vert.)	18	6	Wooden post; 15	
12050 *E 0976*	— Head of Hospital Wharf.	41 13 9 26	**F. R**	23	6	Post; 20	
12960 *E 0972*	— Fort Camico, S. angle.		**F. G**	123	6	Flagpole; 26	
12970 *E 0978*	— Cala Camiciotto, W. side of entrance, head of mole.	41 13 9 26	**F. R**	22	6	Wooden post; 18	
12980 *E 0982*	— **Camicia Bay** (Cala Camicia), W. side of entrance.		**F. R**	19	6	Iron framework structure; 11.	F. R. lights are shown on beacons nearby.
12990 *E 0980*	— — E. side of entrance, root of pier.		**F. G**	22	**5**	Iron framework structure; 16.	
13000 *E 0952*	Mezzo Passo Shoal, off SE. end of Maddalena Island. **U.**	41 12 9 23	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s	24	5	Red pyramidal masonry beacon, hut; 23.	
13010 *E 0986*	Palau Rocks, S. side	41 12 9 23	**2 Fl. G.** (vert.) period 3^s fl. 0.5^s, ec. 2.5^s	21 19	2	Iron post on truncated pyramidal structure; 16.	
13020 *E 0988*	Palau Point	41 11 9 23	**Gp. Fl. G.** (2) period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 7.5^s	32	6	Hexagonal concrete hut; 20.	A F. R. light is shown from head of mole.
13030 *E 0950*	**Punta Sardegna,** N. coast of island.	41 12 9 22	**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. 4,100	114	17	Gray metal turret and white cupola on white two-story dwelling 42.	
13040	*Corsara Rock Lighted Buoy.*	41 13 9 20	**Fl. R** period 5^s fl. 1^s, ec. 4^s	11	5	Red buoy	

ITALY—WEST COAST AND ADJACENT ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
13050 *E 1392*	ISOLA GORGONA: — Punta Paratella, N. point of island.	43 26 9 54	**Gp. Fl. W.** (3) period 15^{s} fl. 0.5^{s}, ec. 2.0^{s} " 0.5^{s}, " 2.0^{s} " 0.5^{s}, " 9.5^{s} Cp. 700	344	12	White **lamp post**;16	Visible 76°–294°.
13060 *E 1394*	— Cala della Scala, head of mole.	43 25 9 53	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	31	8	White cylindrical masonry tower; 10.	
13070 *E 1596*	— Punta Cala Scirocco, SE. point of island.		**Gp. Fl. W** (4) period 15^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 7^{s} Cp. 700	149	12	White lamp-post; 16	Visible 228°–98°.
13080 *E 1400*	ISOLA CAPRAIA: — **Capo Ferraione**	43 03 9 51	**Fl. W** period 6^{s} fl. 2^{s}, ec. 4^{s} Cp. 600	92	13	White masonry hut; 20.	
13088	— Capraia, elbow of northeast mole.	43 03 9 51	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	20	2	Black and white banded lamppost; 15.	Visible 195°–74°.
13090 *E 1402*	ISOLA CAPRAIA: — Capraia, head of northeast mole.	43 03 9 51	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7	**19**	**4**	Iron pole, square stone base; 15.	Visible 254°–210°
13100 *E 1404*	— Punta del Trattoio	43 01 9 48	**Gp. Fl. W** (2) period 10^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 7^{s} Cp. 800	492	11	White iron skeleton structure on black quadrangular tower; 31.	Visible 340°–192°.
13110 *E 1444*	ISOLA ELBA: — **Punta Polveraia,** NW. point of island.	42 48 10 07	**Gp. Fl. W.** (3) period 15^{s} fl. 0.5^{s}, ec. 2.0^{s} " 0.5^{s}, " 2.0^{s} " 0.5^{s}, " 9.5^{s} Cp. 1,200	171	16	Octagonal masonry tower, white dwelling; 33.	Obscured S. of the bearing 36°.
13120 *E 1408*	— Marciana Marina, near head of mole.	42 48 10 12	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. under 100	33	5	Iron post	Visible 112°–22°.
13130 *E 1410*	— Lo Scoglietto, Portogerraio approach. **U.**	42 50 10 20	**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 55	79	7	Circular tower on square masonry house; 26.	
13140 *E1412*	— PORTOFERRAIO: — — Stella **Fort**, NE. bastion.	42 49 10 20	**Gp. Fl. W.** (3) period 7.5^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 1^{s} " 0.5^{s}, " 4^{s} Cp. 3,500	207	17	White truncated tower; 82.	Visible 104°–14°.
			F. R		5	Same tower	Visible 100°–131°.

ITALY—WEST COAST AND ADJACENT ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ISOLA ELBA: — Portoferraio:	**N. E.**					
13150 *E 1416*	— — Near head of health office mole.	-------	**2 F. R.** (vert.) Cp. 10	18 14	2	Iron column	Visible westward of 320°.
13160 *E 1414*	— — SW. angle of Tower Point.	42 49 10 20	**2 F. G.** (vert.)	18 15	2	Concrete post; 13	Obscured E. of 337°.
13166	— Cavo, head of N. mole.	42 52 10 25	**F. G**	---	2		F. R. range lights are exhibited about 0.21 mile NW. for local passenger boats.
13170 *E 1428*	— Rio Marina	42 49 10 26	**Fl. R** period 6^s fl. 0.6^s, ec. 5.4^s Cp. 55	48	7	Gray hexagonal masonry tower; 13.	
	— Porto Longone (Azzurro):						
13180 *E 1434*	— — San Giovanni Point.	42 46 10 24	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	46	5	Rectangular shed; 7	Obscured W. of line joining Punta San Giovanni and Punta Fontanelle.
13190 *E 1436*	— — Pier head about 280 yards 66° from San Giovanni Point Light.	42 46 10 24	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	21	5	Cylindrical iron structure; 15.	
13200 *E 1432*	— — **Capo Focardo,** S. side of port.	42 45 10 25	**Gp. Fl. W. (3)** period 15^s fl. 1^s, ec. 2^s " 1^s, ec. 2^s " 1^s, ec. 8^s	104	16	Masonry tower on parapet of old fort; 21.	Visible 121°–350°.
13210 *E 1442*	— Marina di Campo, near root of pier.	42 44 10 14	**Fl. — W. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 200	131	W. 13 R. 9	Red cylindrical tower; 31.	W. 241°–278°, R.–293°, W.–341°.
13220 *E 1441*	— — Head of pier	42 45 10 15	**F. R**	19	1	Concrete post; 15	Visible 180°–293°.
13230 *E 1448*	**Isola Pianosa,** penal establishment, E. side of island.	42 35 10 06	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s Cp. 44,000	140	18	Tower on white dwelling; 62.	
13240 *E 1450*	— San Giovanni, head of mole.	-------	**Fl. R**	21	4	Concrete post; 20	A F.-W. R. G. light privately maintained, is shown from N. side entrance to Cala di San Giovanni.
13250 *E 1454*	**Scoglio Africa,** 12.5 miles S. of Isola Pianosa. U.	42 21 10 04	**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. 1,400	62	13	Cylindrical masonry tower; 52.	
13260 *E 1388*	Vada, on beach near village.	43 21 10 27	**Gp. Fl. R. (2)** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s Cp. 800	72	12	Balcony of white square tower; 59.	Two F. G. lights are shown from head of pier NW. of town.

ITALY—WEST COAST AND ADJACENT ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
13270 *E 1384*	**Secche di Vada,** off Capo Cavallo. **U.**	43 19 10 22	**Fl. W** period 5^s	55	12	White hexagonal hut on skeleton structure; 52.	
13280 *E 1390*	Porto Baratti	43 00 10 30	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	246	9	Skeleton structure on hut.	Private light.
13290 *E 1446*	Isolotto Palmaiola	42 52 10 29	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s	344	22	White square tower on white building; 46.	**Bell:** 1 stroke every 15^s
	PORTO VECCHIO DI PIOMBINO:						
13300 *E 1464*	— Piombino, on Point La Rocchetta.	42 55 10 32	**Gp. Fl. W. (3)** period 15^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 9.5^s	61	10	Masonry hut; 16	
13310 *E 1456*	— Punta Batteria, head of mole. **U.**	42 56 10 33	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 55	29	7	Iron post, **red** and white bands; 16.	
13320	— Darsena Magona d'Italia Breakwater, NW. part.	42 56 10 33	**F. R**				
13330 *E 1460*	— Head of N. mole		4 F. R. (horiz.)	16			Private lights.
13340 *E 1458*	— N. arm of N. mole		2 F. R. (vert.)	46 35	5	Skeleton wooden tower, stone base; 43.	Private lights.
13350 *E 1468*	**Castiglione della Pescaia,** head of S. mole.	42 46 10 53	Fl. G period 3^s fl. 0.3^s, ec. 2.7^s Cp. 20	26	5	**Black and white striped conical tower; 19.**	
13360 *E 1470*	— Head of N. mole		**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	26	5	**Red and white striped conical tower; 19.**	
13370 *E 1474*	**Formiche di Grosseto (Maggiore),** N. rock. **U.**	42 35 10 53	**Fl. W** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 410	77	13	White cylindrical masonry tower, on building; 39.	
13380 *E 1476*	Baia di Talamone, SE. entrance.	42 33 11 08	**Gp. Fl. W. (2)** period 7^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 4.5^s	98	12	White square tower on wall; 28.	A F. R. light, visible 2 miles, is shown from a cement pillar 16 feet high, at the head of a small mole immediately N. of the town.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
ITALY—WEST COAST AND ADJACENT ISLANDS							
		N. E.					
13390 *E 1482*	**Punta Lividonia**	42 27 11 06	**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. 3,200	154	17	White cylindrical tower on two-storied dwelling. 39	Visible 35°–228°. Semaphore.
13400 *E 1478*	PORTO SANTO STEFANO: — Health office mole	42 26 11 07	**Gp. Fl. G.** (2) period 8^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 5.5^s	18	7	Cylindrical iron lamp post black and white stripes; 15.	
13405 ***E1479***	**— Head Porto del Valle Mole.**		**Fl. R** **period 4^s** **fl. 0.5^s, ec. 3.5^s**	19	4	**Red iron lamp post with white stripes.**	
13410 *E 1480*	— Head of Molo Centina, SE. of port.		**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 20	33	6	Iron skeleton structure, concrete base; 23.	
13420 *E 1486*	ISOLA DEL GIGLIO: — **Punta Fienaio,** N. point of island.	42 23 10 53	**Gp. Fl. W.** (3) period 15^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 2.2^s " 0.3^s, " 9.7^s Cp. 13,700	96	16	White tower red median band, on red dwelling white median band.	Visible 26°–249°.
13430 *E 1488*	— Giglio Marina, head E. mole.	42 22 10 55	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	31	5	White and red banded truncated conical tower; 20.	
13440 *E 1490*	— — Head of W. mole		**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	31	5	White and black banded truncated conical tower; 20.	
13450 *E 1492*	— **Punta di Capel Rosso,** S. point of island.	42 19 10 55	**Gp. Fl. W.** (4) period 20^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 2.2^s " 0.3^s, " 2.2^s " 0.3^s, " 12.2^s Cp. 60,000	295	24	White octagonal tower, dwelling; 66.	Visible 232°30′–134°30′. Obscured by the island of Giannutri over an arc of 8°.
13460 *E 1496*	**Isola di Giannutri,** Punta Rosso.	42 14 11 07	**Fl. W** period 5^s fl. 1^s, ec. 4^s	200	17	Red and white banded tower, on red dwelling with white median band; 30.	Visible 201°–111°.
13470 *E 1500*	PORTO ERCOLE: — **Fort La Rocca,** NE. bastion.	42 23 11 13	**Fl.—W. R** period 7^s lt. 2^s, ec. 5^s Cp. W. 830, R. 208	300	W. 13 R. 9	White circular tower on parapet; 62.	R. coast–285°, W.–10°, obscured W. of 10°.
13490 *E1508*	**Monte Cappuchini**	42 06 11 49	**Gp. Fl. W.** (2) period 10^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 7.2^s Cp. 588,000	410	27	Gray-reddish cylindrical masonry tower; 98.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ITALY—WEST COAST AND ADJACENT ISLANDS						
	CIVITAVECCHIA:	N. E.					
13500 *E 1516*	— Antemurale Colombo, head.	42 06 11 47	**Fl. G** period 5^s fl. 2^s, ec. 3^s	46	9	Lamp post black and white bands; 18.	
13510 *E 1514*	— Molo Amerigo Vespucci outer N. corner.		**Fl. R** period 5^s fl. 2^s, ec. 3^s	33	6	Post, red and white bands; 18	
13520 *E 1520*	— Head of Molo Lazaretto.		**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	26	5	Square masonry structure; 18.	
13530 *E 1512*	— Forte dei (Fort) Marzocca, center of outer breakwater.		**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 35	28	5	Metal structure; black and white bands; 16.	Visible 121°– 316°.
	FIUMICINO:						
13540 *E 1524*	— Head of N. mole	41 46 12 13	**Fl. R** period 2^s	28	5	Red iron framework structure, white bands; 20	
13550 *E1526*	— Head of S. mole	41 46 12 13	**Occ. W** period 3^s lt. 2^s, ec. 1^s Cp. 466	66	12	Iron framework tower; 56.	
13560 *E 1528*	— S. pier, 22 yards from head.		**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	28	4	Black iron skeleton structure white bands; 20	Visible 245°–105°.
13562 *E1530*	**Finmara Grande**, SW. extremity Isola Sacra.	41 45 12 13	**Gp Fl. W.(3)** period 15^s fl. 0.2^s, ec. 2.8^s " 0.2^s, " 2.8^s " 0.2^s, " 8.8^s Cp. 75,000	105	16	Octagonal tower on 2-story dwelling, red and white stripes; 98.	**Radiobeacon**: about 2 miles eastward. Reserve light, same characteristics, visible 14 mi.
	LIDO DI ROMA:						
13563 *E1536*	— Head of west training wall.	41 43 12 18	**F. R**	28	5	Cement post; 21	
13564 *E 1534*	— Head of east training wall.	41 43 12 18	**F. G**	28	5	Cement post; 21	
	ANZIO:						
13570 *E 1538*	— On beach W. of port	41 27 12 37	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 7.2^s Cp. 77,000	121	17	Cylindrical tower on dwelling, red and white bands, 68.	Visible 255°–72°. Reserve light visible 5 miles.
13580 *E1540*	— SE. head of Innocenziano Mole.	41 27 12 38	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 19	39	6	Red and white banded lamppost; 18.	Visible 139°–45°.
13590 *E 1541*	— Beacon	41 27 12 38	**Fl. G** period 3^s fl. 0.7^s, ec. 2.7^s	17	5	Black stand red lantern 10	
13600 *E 1578*	**Isola Zannone**, Cape Nero, N. point of island.	40 58 13 03	**Fl. W** period 5^s fl. 1^s, ec. 4^s	125	17	Yellow octagonal tower on house; 38.	Visible 61°30′–284°30′, except where obscured by Palmarola Island, 70°–80°. Reserve visible 6 miles

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ISOLA DI PONZIA:	N. E.					
13610 *E 1588*	— **Punta Guardia,** S. point of island.	40 53 12 57	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s Cp. 185,000	370	26	White octagonal tower on two storied red and white banded dwelling; 58.	Visible 225°–155°, except where obscured by Palmarola Island.
			F. R Cp. 270	315	6	Hut at foot of same tower; 4.	Visible 235°30′–265°30′.
13620 *E1580*	— Rotonda della Madonna, S. side of entrance to Porto di Ponza.	40 54 12 58	**Gp. Fl. W. (4)** period 20^s fl. 1^s, ec. 2^s " 1^s, " 2^s " 1^s, " 2^s " 1 " 10^s Cp. 6,200	200	17	Red octagonal tower, dwelling attached; 35.	Visible 206°–23°, 70°–80° when more than two miles distant. Obscured by Zannone Island through an arc of 7°.
E1582			**F. R** Cp. 360	183	6	Hut on terrace of same tower; 27.	Visible 301°–341°.
13630 *E 1584*	— Porto di Ponza, head of mole.		**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 100	39	6	Red octagonal tower; 41	
13632	**— Head of breakwater, 65 yards 340° from Ponza Light.**	**40 54 12 58**	**2 F. R. (vert.)**	**26**	**5**	**Cement post**	
13640 *E 1542*	**Monte Circeo**	41 13 13 04	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s	125	17	White circular tower, octagonal base; 59.	Visible 265°–102°.
	TERRACINA:						
13650 *E1550*	— Head of mole	41 17 13 16	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	39	9	Iron post red and white bands.	A Fl. G. light, is shown from Ruble Mole, visible 3 miles.
13660 *E1552*	— S. side of entrance to canal.	41 17 13 15	**2 F. R. (vert)**	23	5	Concrete post	
13662 *E1554*	— N. side of entrance to canal.		**2 F. G. (vert)**	23	4	Concrete post	
	GAETA BAY: — Gaeta:						
13672 *E 1558*	— — **Monte Orlando**	41 12 13 35	**Gp. Fl. W. (3)** period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s Cp. 85,000	607	28	White cylindrical stone tower; 46.	
13675 *E 1560*	— — Punta dello Stendardo, S. entrance to port.	41 13 13 36	**Gp. Fl. R. (2)** period 10^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 6.5^s Cp. 290	61	10	Cylindrical masonry tower; red and white bands; 21.	
13680 *E 1568*	— — Porto Salvo, head of mole.	41 13 13 34	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	25	4	Black lamp-post, white bands; 16.	
13690 *E 1573*	— Formia, near outer head of breakwater.	41 15 13 37	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s	2	6	Lamp post, red and white bands.	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
13700 *E 1574*	Volturno River, S. point of entrance. U.	41 01 13 56	**Fl. W** period 2.5^{s} fl. 0.5^{s}, ec. 2.0^{s} Cp. 270	33	11	Iron skeleton tower, masonry base; 25.	
13710 *E1592*	ISOLA DI VENTOTENE: — S. side of entrance	40 48 13 26	**Fl. W** period 5^{s} fl. 1^{s}, ec. 4^{s} Cp. 543	69	12	White masonry tower on white dwelling; 52.	Visible 158°–288° and 307°–22°.
13720 *E 1598*	ISOLA D'ISCHIA: — **Punta Imperatore,** SW. point of island.	40 43 13 51	**Gp. Fl. W. (4)** period 15^{s} fl. 0.6^{s}, ec. 1.3^{s} " 0.6^{s}, " 1.3^{s} " 0.6^{s}, " 1.3^{s} " 0.6^{s}, " 8.7^{s}	538	30	White tower attached to two-story dwelling; 44.	Visible 316°–190°. Reserve light visible 15 miles.
13730 *E 1600*	— Forio, head of mole. U.	40 44 13 51	**Fl.—W. R.** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	39	W. 8 R. 4	White iron column, red bands; 16.	R. from La Camerate Shoal to the coast S. of Forio.
13740 *E 1604*	— Lacco Ameno, E. of point.	40 45 13 54	**Occ.—W. R.** period 6^{s} lt. 3^{s}, ec. 3^{s}	46	W. 10 R. 7	Iron framework structure on red tank; 20.	R. 147°–172°, W.–245°, R.–land E. of light, W. elsewhere.
13750 *E 1602*	— Casamicciola, head of mole.	40 45 13 54	**Fl.—W. R** period 5^{s} fl. 1.5^{s}, ec. 3.5^{s} Cp. W. 125, R. 25	28	W. 7 R. 4	Iron support on concrete post; 23.	R. 157°–land W. of light, W. elsewhere.
13760 *E 1608*	— Port d'Ischia: — — **Bagno,** head of mole.	40 45 13 57	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 600	44	12	Red cylindrical tower, rectangular base; 36.	
13770 *E 1610*	— — W. side of entrance to harbor.	-------	**Fl. G** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	14	2	Red conical turret; 10	
13780 *E 1612*	— — E. side of entrance to harbor.	-------	**Fl. R** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	14	3	Red conical turret; 10	Obscured 222°–270°.
13790 *E 1614*	— **Ischia Castle,** E. extremity of island.	40 44 13 58	**Fl. W** period 6^{s} fl. 2^{s}, ec. 4^{s} Cp. 1,800	269	17	Gray iron framework structure on parapet; 8.	Visible 119°–1°. Reserve light Fl. W., visible 12 miles.
13800	*Vivara Shoal Lighted Buoy,* E. side of channel between Ischia and Procida Islands.	40 45 13 59	**Fl. R** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s} Cp. 25	13	6	Red conical buoy	
13810 *E 1618*	**Isola Procida,** Punta Pioppetto, N. side of island.	40 46 14 01	**Gp. Fl. W. (3)** period 15^{s} fl. 0.5^{s}, ec. 2.0^{s} " 0.5^{s}, " 2.0^{s} " 0.5^{s}, " 9.5^{s} Cp. 6,700	67	13	Red square tower on octagonal building; 43.	Visible 84°–297°. Reserve light F. W., visible 10 miles.

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
13820	Port Procida range, front.	N. E. 40 46 14 02	**F. R**		1	White and black checkered wooden structure.	Range lights.
13820.1	— Rear, 203° from front.		**F. R**		1	White and black checkered wooden structure.	
13830 *E 1616*	— Head of mole about 0.5 mile, 107° from Punta Piopetto Light.		**Fl. G** period 2ˢ fl. 0.5ˢ, ec. 1.5ˢ	32	6	Iron skeleton structure on octagonal masonry hut; 28.	
13840	*Procida Channel Lighted Buoy*, S. extremity of Torrione Shoal.	40 47 14 03	**Fl. R** period 5ˢ fl. 1ˢ, ec. 4ˢ Cp. 25	13	6	Red conical buoy	
	GOLFO POZZUOLI:						
13850 *E1620*	— Capo Miseno	40 47 14 05	**Gp. Fl. W. (2)** period 10ˢ fl. 0.5ˢ, ec. 2ˢ " 0.5ˢ, " 7ˢ	262	16	White truncated tower, on two storied building, gray trimmings.	Visible 199°–112°.
13860 *E 1622*	— Baia (Baja), Tenaglia Fort, E. of Baia Castle.	40 49 14 05	**Occ. R** period 4ˢ lt. 2ˢ, ec. 2ˢ Cp. 200	42	11	Cylindrical masonry tower, red and white bands; 23.	
13870 *E1624*	— Pozzuoli, head of Caligoliano Mole.	40 49 14 07	**Occ. G** period 4ˢ lt. 2ˢ, ec. 2ˢ Cp. 500	37	11	Iron support on parapet; 6.	A. F. R. light is shown on each end of the hammerhead pier.
13880 *E 1628*	— — Nisida Island	40 48 14 10	**Occ. G** period 4ˢ lt. 2ˢ, ec. 2ˢ	75	9	Ruins of old tower	
13890	— Pontile Ilva Nord, outer corner.	40 49 14 10	**F. R**		5		A F. R. light is shown from the opposite corner.
13900	— — Sud, outer corner.	40 48 14 10	**F. R**		3		A F. R. light is shown from the opposite corner.
13902	**— — Pontile Montedatini, outer corner.**	**40 49 14 10**	**F. R**		**3**		**A F. R. light is shown from the opposite corner.**
13910	— *Cavallara Shoal Lighted Buoy*, S. side of shoal, E. entrance to bay.	40 47 14 11	**Fl. R** period 3ˢ fl. 0.5ˢ, ec. 2.5ˢ	13	6	Red truncated conical buoy.	
	NAPLES:						
13920 *E 1629.7*	— Sannazzaro Pier head, 2.4 miles 145° from Camaldoli Church.	40 50 14 13	**Fl. R** period 5ˢ	20	5	Red iron post on masonry hut; 15.	
13930 *E 1630*	— Porticiollo di Santa Lucia (Santa Lucia Harbor), N. side of entrance, angle of quay. **U.**	40 50 14 15	**Fl. G** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	23	3	Black structure; 16	Visible 204°–103°. Fl. R. lights, period 7ˢ, visibility 4 miles, are shown from two radio masts at Fort dell'Ovo.
13940 *E 1632*	— — S. side of entrance, N. head of detached breakwater. **U.**		**Fl. R** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	23	4	Red iron post; 16	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	NAPLES:	N. E.					
13950 *E 1636*	— Molosiglio Basin, head of mole, S. side of entrance.	-------	**Gp. Fl. R.** (2) period 6^{s} fl. 1^{s}, ec. 1^{s} “ 1^{s}, “ 3^{s}	20	5	Metal post, red and white bands; 17.	
13960 *E 1634*	— — SE. end of quay	------	**Gp. Fl. G.** (2) period 6^{s} fl. 1^{s}, ec. 1^{s} “ 1^{s}, “ 3^{s}	20	6	Black iron post white bands; 16.	
13970 *E 1647*	— Molo S. Vincenzo, head.	40 50 14 16	**Gp. Fl. W.** (4) period 15^{s} fl. 0.3^{s}, ec. 2.2^{s} “ 0.3^{s}, “ 2.2^{s} “ 0.3^{s}, “ 2.2^{s} “ 0.3^{s}, “ 7.2^{s}	84	15	Red cylindrical masonry tower; 79.	Visible 233°–102°
13980 *E 1652*	— Diga Foranea Emanuele Filiberto Duca d'Aosta, E. end.	40 50 14 18	**Fl. W** period 4^{s} fl. 1^{s}, ec. 3^{s} Cp. 48	52	10	Red iron skeleton tower; 30.	**Radiobeacon.** A buoy shows Fl. R., about 240 yards 134°.
13990 *E 1654*	— — W. end (angle)	-------	**Gp. Fl.** (3) — **R. G.** period 8^{s} fl. 0.5^{s}, ec. 1.0^{s} “ 0.5^{s}, “ 1.0^{s} “ 0.5^{s}, “ 4.5^{s}	23	R. 6 G. 5	Gray railing and gas tank, support painted in white, red, and black bands; 15.	R. 155°–335°, G.–155°. Not visible outside the harbor.
14000	— Antemurale Thaon de Revel, S. end. **U.**	40 50 14 17	**Fl. G** period 4^{s} fl. 1^{s}, ec. 3^{s} Cp. 70	61	8	Cylindrical masonry tower, black and white bands; 39	
14010 *E 1646*	— Diga Duca degli Abruzzi, E. end (detached break water).	40 50 14 17	**Fl. R** period 4^{s} fl. 1^{s}, ec. 3^{s}	59	9	Cylindrical masonry tower; red and white bands.	**Nautophone:** 2 blasts ev. 20^{s}.
14020 *E 1648*	— Head of San Vincenzo Mole, W. side of entrance.	40 50 14 16	**2 F. R.** (vert.)	28 21	4	Red iron framework structure; 20.	
14030 *E 1670*	— Head of Martello Mole.	-------	**Occ. G** period 5^{s} lt. 4^{s}, ec. 1^{s} Cp. 24	26	5	White turret, black bands; 18.	Partly obscured by San Vincenzo Mole.
14060 *E 1676*	**Madonna dell'Arco Church.**	40 52 14 23	**Alt.—W. R. G.** period 12^{s} W. 4^{s}, R. 4^{s}, G. 4^{s}	593	W. 15	Belfry of church	Votive light.
14070 *E 1678*	Granatello (Porto Portici), head of mole.	40 48 14 20	**Fl. G** period 3^{s} fl. 0.1^{s}, ec. 2^{s}	52	6	Iron framework structure, black and white bands; 46.	
14080 *E 1680*	Torre del Greco, head of mole, at foot of Mt. Vesuvius.	40 47 14 22	**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 65	33	7	Red iron framework structure, white bands; 31.	A F. W. light, visible 5 miles, is shown from a monument nearby.
14082	Head of inner mole	40 47 14 22	2 F. G. (vertical)	28	4	Post; 20	

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14090 *E 1686*	Torre Annunziata, head of E. mole.	N. E. 40 45 14 27	**F. G**	33	6	Black iron skeleton structure on black stone hut; 24.	
14110 *E 1684*	— Head of W. mole	-------	**Gp. Fl. R. (2)** period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s	39	7	Red cylindrical tower on red circular building; 33.	
14120 *E1692*	CASTELLAMMARE: **— W. Mole, near root**	40 42 14 28	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 6.5^s	76	**14**	White cylindrical tower; 38.	
14130 *E 1690*	— Head of W. mole	-------	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 24	30	6	Masonry tower on white masonry hut; 22.	Reserve light F. G., visible 3 miles.
14140 *E 1694*	Meta, Marisco Rock, head of N. mole.	40 39 14 24	**F. W** Cp. 100	21	3	----------------------	*Reported extinguished*
14150 *E 1696*	Marina di Cassano, head of mole.	40 38 14 24	**F. G**	31	4	Gray skeleton structure; 26.	
14160 *E 1698*	Sorrento, head of breakwater.	40 38 14 23	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	28	4	Black iron skeleton structure, white bands; 14.	
14170 *E 1700*	Vervece Rock (Scoglio Vervece), N. side of promontory. U.	40 37 14 20	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s	50	7	Red iron cross; 17	
14180 *E 1702*	**Punta Campanella**, SW. end of promontory.	40 34 14 20	**Occ. W** period 10^s fl. 5^s, ec. 5^s Cp. 635	133	17	Gray circular lantern on red two-story building; 30.	Visible 265°–126°. Obscured by Capri Island 66°–89°.
14190 *E 1706*	ISOLA DI CAPRI: — **Punta Carena**, SW. point of island.	40 32 14 12	**Fl. W** period 5^s fl. 0.4^s, ec. 4.6^s Cp. 290,000	240	22	Red octagonal tower on two-story dwelling; 94.	Visible 265°–175°. Reserve light visible 15 miles. **Radiobeacon.**
14200 *E 1708*	— **Punta Lo Capo**, NE. point of island. U.	40 34 14 16	**Gp. Fl. W. (3)** period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 5.5^s Cp. 316	174	11	White iron framework tower with hut at base, red lantern; 25	Visible 112°–326°.
14210 *E 1710*	— Marina di Capri, head of breakwater.	40 33 14 15	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 69	32	6	Black iron skeleton structure, red lantern; 20.	
14220 *E 1712*	— — N. end of E. mole	-------	**Fl. R** period 3^s fl. 0.3,^{s} ec. 2.7^s Cp. 30	25	6	White structure , red band.	
14230 *E 1716*	**Isolotto Galli**, N. extremity.	40 35 14 26	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 100	197	9	Iron column, black and white bands red lantern; 16.	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	AMALFI:	N. E.					
14240 *E 1718*	— Head of W. mole	40 38 14 37	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 60	39	6	Red iron framework structure, tank; 16.	
14250 *E 1720*	— Stone jetty, N. side of harbor.		**2 F. G.** (vert.)	27 24	4	Pole; 21	
14260 *E 1722*	**Capo Orso,** on extremity.	40 38 14 41	**Gp. Fl. W. (3)** period 15^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 2.5^s " 0.5^s, " 8.5^s Cp. 4,100	218	17	Aluminum painted structure on red two-story dwelling; 16.	Visible 263°–93°. Reserve light same characteristics, visible 15 miles.
	SALERNO:						
14270 *E 1726*	— Head of mole	40 40 14 45	**Fl. R** period 5^s fl. 2^s, ec. 3^s	39	9	Red iron structure on hut; 18.	
14280 *E 1730*	— Angle of Old Breakwater, at inside entrance.		**F. R**	18	5	Iron structure; 16	Visible within the harbor. Reserve light visible 3 miles.
14290 *E 1732*	— On angle of W. mole at junction of Molo Foraneo and Vecchio Antemural.	40 40 14 45	**Gp. Fl. W. (4)** period 12^s fl. 1^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 1^s, " 5^s	49	12	Red and white banded cylindrical tower on octagonal hut; 26.	Visible 247°–67°.
14300 *E 1728*	— Banchina Manfredi Mole, SW. angle.		**F. G**	19	6	White square masonry hut; 15.	Visible 251°–161°.
14310 *E 1738*	Agropoli, near the village.	40 21 14 59	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s Cp. 900	139	16	White battlemented tower on square hut; 33.	
14320 *E 1736*	**Isolotto di Locosa (Licosa Islet)**, near Punta Licosa. **U.**	40 15 14 54	**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. 300	39	10	White iron framework tower masonry base red bands; 30	
14330 *E 1740*	**Capo Palinuro,** summit	40 01 15 17	**Gp. Fl. W. (3)** period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s	675	32	White octagonal tower on dwelling; 46.	Visible 286°–132°. Reserve light visible 15 miles.
14340 *E 1742*	Scario, at anchorage, SW. of Policastro.	40 03 15 31	**Gp. Fl. W. (4)** period 20^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 2.5^s " 0.5^s, " 2.5^s " 0.5^s, " 10.5^s Cp. 12,500	79	18	White octagonal tower, two-story dwelling; 40.	Obscured when bearing E. of 25°.

ITALY—WEST COAST AND ADJACENT ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
14350 *E 1746*	Sapri (Pisacane), on Fortino Point.	N. E. 40 04 15 37	**Gp. Fl. W. (2)** period 7^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 5^{s} Cp. 580	45	10	Square red tower; 13.	Visible 223°–83°30′.
14360 *E 1748*	**Scalea,** on hill near town.	39 49 15 47	**Fl. W.** period 5^{s} fl. 1^{s}, ec. 4^{s} Cp. 3,700	320	18	Red masonry tower, house; 41.	
14370 *E 1750*	**Capo Bonifati**	39 33 15 53	**Gp. Fl. W. (2)** period 10^{s} fl. 0.5^{s} ec. 2^{s} " 0.5^{s} " 7^{s}	206	12	White iron structure red lantern; 25.	
14380 *E 1752*	Paola, on tower	39 22 16 02	**Gp. Fl. W. (3)** period 15^{s} fl. 1^{s}, ec. 2^{s} " 1^{s}, " 2^{s} " 1^{s}, " 8^{s} Cp. 3,700	177	17	Masonry tower	
14390 *E 1756*	GOLFO DI SANTA EUFEMIA: — **Capo Suvero,** N. end of gulf.	38 57 16 10	**Gp. Fl. W. (2)** period 10^{s} fl. 0.4^{s}, ec. 2.1^{s} " 0.4^{s}, " 7.1^{s} Cp. 500	141	14	White octagonal tower on square dwelling; 43.	Visible 312°–162°.
14400	— — Vibo Valentia Marina, N. mole head.	38 43 16 08	**Fl. G.** period 5^{s} fl. 1^{s}, ec. 4^{s}	56	10	Black masonry tower, white bands.	
14402	— — S. mole head	....	**Fl. R.** period 5^{s} fl. 1^{s}, ec. 4^{s}	23	7	Tower, black and white bands; 18.	
14410 *E 1760*	— Tropea, head of mole. **U.**	38 41 15 54	**2 F. G.** (vert.)	47	5	Green iron skeleton structure; 39.	
14420 *E 1762*	MESSINA STRAIT: — **Capo Vaticano,** N. of strait.	38 37 15 50	**Gp. Fl. W. (4)** period 20^{s} fl. 0.2^{s} ec. 3.1^{s} " 0.2^{s}, " 3.1^{s} " 0.2^{s}, " 3.1^{s} " 0.2^{s}, " 9.9^{s} Cp. 194,000	353	26	White cylindrical tower, white dwelling; 25.	Obscured in the Gulf of Santa Eufemia when bearing W. of 215°. Reserve light visible 15 miles.
14424	— Gioia di Tauro head of pier.	38 26 15 54	**Fl. R.** period 5^{s} fl. 1^{s}, ec. 4^{s}	36	7	Post; red and white bands.	
14430 *E 1766*	— **Scilla,** Castle Scilla, NE. side of entrance to strait.	38 15 15 43	**Fl. W.** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 106,000	235	22	Gray circular concrete tower; 18.	
14440 *E 1768*	— — Head of mole	.....	**Fl. G.** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	32	3	Quadrangular concrete hut; 21.	Obscured when bearing less than 80°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ITALY—WEST COAST AND ADJACENT ISLANDS						
	MESSINA STRAIT:	N. E.					
14442 *E1769*	—AVIATION LIGHT	38 15 15 41	**Fl. Or** period 4^s fl. 0.2^s, ec. 3.8^s	1276	------	Steel framework tower; 689.	
14450 *E 1770*	— Punta Pezzo, NE. side of strait.	38 14 15 38	**Gp. Fl. R.** (3) period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s Cp. 35,620	85	15	Red and white banded tower, on dwelling; 75.	Visible 10°–246°.
14460 *E 1772*	— Villa San Giovanni, head of mole.	38 13 15 38	**Fl. G** period 3^s fl. 0.5^s, ec. 2.5^s	38	6	Black and white tower; 26.	
14462	**— — Head of mole, 275 yards 59°30′.**	-------	**Fl. R.** period 3^s	-----	5	------------------------	
14470 *E1776*	— Reggio Calabria Breakwater.	38 08 15 39	**Occ. G** period 2^s lt. 1^s, ec. 1^s Cp. 130	41	8	Cylindrical tower; black and white bands; 34.	Reserve light F. G. 2 Fl. R. vert. lights exist on radio mast about 1.2 miles S.
14480 *E 1778*	— — E. side of entrance.	-------	**Occ. R** period 2^s lt. 1^s, ec. 1^s Cp. 90	26	7	Red iron structure on red iron hut; 23.	Reserve light F. R.
14490 *E 1780*	— **Capo dell' Armi**, SE. entrance to Strait of Messina.	37 57 15 41	**Gp. Fl. W.** (2) period 10^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 7.2^s	312	24	White and black octagonal tower on white two-story dwelling; 39.	
	SICILY AND ADJACENT ISLANDS (I.)						
	MESSINA:						
14500 *E1814*	— **Punta San Raineri**	38 12 15 35	**Gp. Fl. W. (3)** period 15^s fl. 1.5^s, ec. 2.0^s " 1.5^s, " 2.0^s " 1.5^s, " 6.5^s Cp. 3,360	136	18	Gray square tower surmounted by octagonal turret, black and white bands; 139.	
	— — Emergency light	-------	**Alt. Fl. W. R.** period 8^s fl. W 0.2^s, ec. 3.8^s " R 0.2^s, " 3.8^s	102	16	Same tower	Visible 171°–41°. *Shown only* if the straits are closed due to failure or repairs to the overhead power cable.
14510 *E 1816*	— Punta Secca, NE. corner of peninsula.	-------	**Occ. R** period 3^s Cp. 90	43	7	Iron skeleton structure on white house, red bands; 39.	
14520 *E 1818*	— Fort San Salvatore, E. side of entrance.	38 12 15 34	**2 F. R.** (vert.) Cp. 50	77 64	6	Red iron framework structure; 39.	

SICILY AND ADJACENT ISLANDS (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MESSINA:	N. E.					
14530 *E 1820*	— Town wharf, Health Office.	------	2 F. G. (vert.) Cp. 43	54 41	6	White skeleton structure, black bands; 41.	Visible 156°–336°. Reserve light visible 4 miles. F. G. and F. R. lights are shown from the heads of the westernmost and easternmost jetties of the ferry slips, respectively. Jetty heads between the above are marked by vertically disposed R. and G. lights.
14540 ***E1806***	**Capo Peloro, N. entrance to Messina Strait.**	38 16 15 39	**Gp. Fl. W. (2)** **period 10^{s}** **fl. 0.4^{s}, ec. 2.1^{s}** **" 0.4^{s}, " 7.1** **Cp. 184,000**	**121**	**17**	**White octagonal tower and dwelling, cylindrical lantern; 128.**	**Visible 112°30′–69°.**
E1808	------	------	**Occ. R.** **period 5^{s}** **lt. 4^{s}, ec. 1^{s}** **Cp. 1,834**	**74**	**14**	**Same tower**	**Visible shore–127° over Rascolmo Bank.**
	— Emergency light	------	**Alt. Fl. W. R.** **period 8^{s}** **fl. W. 0.2^{s}, ec. 3.8^{s}** **" R. 0.2^{s}, " 3.8^{s}**	**92**	**15**	**Same tower**	**Visible 109°–329°.** ***Shown only* if straits are closed due to failure or repairs to the overhead power cable.**
14550 ***E 1810***	**Punta Scottile, about 360 yards 213° from Cape Peloro Light.**	**38 16** **15 39**	**Fl. G.** **period 3^{s}** **fl. 1^{s}, ec. 2^{s}** **Cp. 39**	**30**	**6**	**Iron column on gray cylindrical hut; 24.**	**Obsc. 236°–262° 30′.**
14552 ***E1809***	**—AVIATION LIGHT, S. of Capo Peloro.**	**38 16** **15 39**	**Fl. Or.**	**764**	----	**Steel framework tower**	
14560 *E 2046*	Capo Rasocolmo	38 18 15 31	**Gp. Fl. W. (3)** period 1^{s} fl. 1^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 5^{s} Cp. 2,700	279	17	Lantern on white masonry dwelling; 43.	Obscured 225°–coast.
14570 *E 2042*	**Capo Milazzo,** N. extremity of peninsula.	38 16 15 14	**Fl. W.** period 7^{s} fl. 1^{s}, ec. 6^{s} Cp. 6,030	295	19	White cylindrical tower; 34.	
14580 *E 2044*	Milazzo, head of mole	38 13 15 15	**Fl. G.** period 5^{s} fl. 2^{s}, ec. 3^{s}	39	8	Iron post, black and white bands; 18	
	LIPARI (AEOLIAN) ISLANDS:						
14590 *E 1786*	— **Isola Vulcano,** S. end of island, on Praja dei Porce.	38 22 15 00	**Gp. Fl. W. (4)** period 15^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 7^{s} Cp. 950	148	17	White octagonal tower, two-story dwelling attached; 134.	Visible 251°–93°.

SICILY AND ADJACENT ISLANDS (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LIPARI (AEOLIAN) ISLANDS:	N. E.					
	— Isola di Lipari:						
14600 *E 1788*	— — Lipari Anchorage, head of Pignatoro Mole.		**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	32	5	Gray iron column on iron hut; 19.	Reserve light F. G.
14610 *E 1790*	— — Punta Scaliddi, Monastero Anchorage.	38 28 14 57	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	46	6	Gray square turret; 16	Visible over an arc of 270°. Reserve light F. R.
14620 *E 1792*	— — Marina Corta	38 28 14 58	**Gp. Fl. W. (3)** period 15^{s} fl. 0.5^{s}, ec. 2.0^{s} " 0.5^{s}, " 2.0^{s} " 0.5^{s}, " 9.5^{s} Cp. 400	38	11	Gray iron framework structure; 8.	
14630 *E 1800*	— Isola Panarea, Peppemaria (Gesue Maria) Point.	38 38 15 05	**Gp. Fl. (2)—W. R.** period 10^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 7^{s} Cp. W. 150, R. 30	56	W. 9 R. 5	Pyramidal iron skeleton structure; 30.	R. 325°–341°, W.–325°.
14640 *E 1802*	— **Isola Stromboli (Isoloto Strombolicchio).**	38 49 15 15	**Gp. Fl. W. (3)** period 15^{s} fl. 0.5^{s}, ec. 1.0^{s} " 0.5^{s}, " 1.0^{s} " 0.5^{s}, " 11.5^{s} Cp. 485	174	12	Framework structure on masonry hut; 20.	
	— Isola Salina:						
14650 *E 1798*	— — **Capo Salina,** NE. extremity of island.	38 35 14 52	**Fl. W** period 15^{s} fl. 5^{s}, ec. 10^{s} Cp. 5,250	174	19	Octagonal tower attached to light-yellow one-story dwelling; 31.	Visible 123°–357°, 123°–137° (faint light). Reserve light F. W. of lower visibility.
14660 *E 1796*	— — Punta Lingua, SE. extremity of island.	38 32 14 52	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	34	10	Gray iron framework structure on white dwelling; 27.	Visible 186°–76°. Reserve light F. W.
14670 *E 2038*	**Capo Orlando**	38 10 14 45	**Gp. Fl. W. (2)** period 12^{s} fl. 2^{s}, ec. 2^{s} " 2^{s}, " 6^{s} Cp. 4,500	88	15	Yellow octagonal tower on one-story dwelling; 35.	Reserve light F. W., visible 15 miles.
14680 *E 2036*	**Capo Cefalu,** near NE. point.	38 02 14 02	**Fl. W** period 5^{s} fl. 0.2^{s}, ec. 4.8^{s} Cp. 202,000	262	23	White octagonal tower on house; 86.	
	TERMINI IMERESE:						
14690 *E 2028*	— Head of breakwater	37 59 13 43	**Fl. W** period 5^{s} fl. 2^{s}, ec. 3^{s}	33	9	Masonry tower, black and white bands; 25.	
14700 *E 2032*	— Near root of breakwater.		**F. R**	28	8	Red iron post	Visible 279°–294°.
14710	— Head of spur 200 yards E. of root of breakwater.	37 59 13 42	**2 F. G.** (vert.)	38 34	6	Post	
14720 *E 2034*	— San Cosimo S. side of harbor.		**F. R**	39	8	Concrete tower; 20	Visible 163°–185°.

SICILY AND ADJACENT ISLANDS (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
14730 *E 2026*	Punta Porticello near N. extremity on head of mole.	N. E. 38 05 13 33	**Fl. G** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	32	5	Iron skeleton structure; 21.	
14740 *E 2022*	**Capo Zaffarano,** N. extremity of cape.	38 07 13 32	**Gp. Fl. W. (3)** period 10^{s} fl. 1^{s}, ec. 1^{s} " 1^{s}, " 1^{s} " 1^{s}, " 5^{s} Cp. 700	111	13	White octagonal tower, house; 36.	Visible 118°–341°.
E 2024			**Occ. R** period 5^{s} lt. 4^{s}, ec. 1^{s} Cp. 73	93	7	Same tower	Visible 298°–344°.
	PALERMO:						
14750 *E 2008*	— Molo Nord, near root of Diga Foranea.	38 08 13 22	**Gp. Fl. W. (4)** period 20^{s} fl. 0.5^{s}, ec. 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 10.5^{s} Cp. 4,000	105	16	White octagonal tower; 98.	
14760 *E 2012*	— S. head of breakwater extension.	38 08 13 22	**Fl. G** period 5^{s} fl. 2^{s}, ec. 3^{s} Cp. 88	33	8	Cylindrical tower; 23	Reserve light F. G., visible 4 miles. **Radiobeacon.**
14780 *E 2014*	— Head of S. mole		**Fl. R** period 5^{s} fl. 2^{s}, ec. 3^{s} Cp. 140	31	9	Truncated concrete tower, red and white bands; 21.	
14790	— Head of Pontile Piave, S. angle.		**F.—R. G. (vert.)** Cp. 11	28 21	3	Post	Locally maintained.
14800 *E 2016*	— Head of Pontile Santa Lucia.		**F.—R. G. (vert.)** Cp. 11	33 26	3	Post	Locally maintained.
14810 *E 2018*	— Head of Pontile Ferroviario (railroad pier).		**2 F. R. (vert.)** Cp. 11	33 26	3	Post	Locally maintained.
14820 *E 2020*	— Molo Trapezoidale, NE. corner.		**2 F. R. (vert.)** Cp. 11	24 20	3	Post	Locally maintained.
14830	— Head of Pontile Vittorio Veneto.		**2 F. G. (vert.)** Cp. 11	28 23	2	Post	Locally maintained.
14840 *E 2004*	**Capo Gallo,** extremity of cape.	38 13 13 19	**Gp. Fl. W. (2)** period 15^{s} fl. 0.5^{s}, ec. 3.3^{s} " 0.5^{s}, " 10.7^{s} Cp. 29,300	133	17	White circular tower, house; 25.	Visible 77°–297°.
	USTICA ISLAND:						
14850 *E 1996*	— **Punta Uomo-Morto,** NE. point of island.	38 43 13 12	**Gp. Fl. W. (3)** period 15^{s} fl. 0.3^{s}, ec. 2.7^{s} " 0.3^{s}, " 2.7^{s} " 0.3^{s}, " 8.7^{s} Cp. 345,000	328	25	White tower, house; 23.	Visible 87°–356°.
E 1998			**Occ. R** period 5^{s} lt. 4^{s}, ec. 1^{s} Cp. 1,400	312	15	Same tower	Visible 135°–145° over Secca Colombara.

SICILY AND ADJACENT ISLANDS (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	USTICA ISLAND:	N. E.					
14860 *E 2000*	— **Punta Gavazzi,** SW. point of island.	38 42 13 10	**Gp. Fl. W. (4)** period 15^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 7^{s} Cp. 522	131	12	White tower, house; 92.	Visible 297°–194°.
14870 *E 1992*	Castellamare del Golfo, N. side of town.	38 02 12 53	**Gp. Fl., W. (2)** period 10^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 7^{s} Cp. 100	64	10	Concrete column on square stone hut.	Visible 263°–93°.
14880 *E 1990*	Punta Solanto, close N. of Torre dell' Usciere.	38 10 12 46	**Fl., — W., R.** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	81	W. 9 R. 6	White quadrangular hut, masonry pillar; 18.	R. 122°–144°, W.–122°.
14890 *E 1986*	**Capo San Vito,** near NW. extremity of Sicily.	38 11 12 44	**Fl. W** period 5^{s} fl. 0.2^{s}, ec. 4.8^{s} Cp. 199,000	143	18	White circular tower in front of house; 125.	Visible 36°–0°.
E 1988			**Occ. R** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. under 100	41	8	Same tower	Visible 165°–225°.
	AEGADEAN ISLANDS:						
14900 *E 1962*	— **Isola Levanzo, Capo Grosso,** N. point of island.	38 01 12 20	**Gp. Fl. W. (3)** period 15^{s} fl. 0.4^{s}, ec. 2.1^{s} " 0.4^{s}, " 2.1^{s} " 0.4^{s}, " 9.6^{s} Cp. 19,000	225	21	White circular tower, terrace and dwelling; 39.	Visible 38°–333°.
	— Isola Marittimo:						
14910 *E 1956*	— — **Punta Libeccio,** SW. point of island.	37 57 12 04	**Gp. Fl. W. (2)** period 15^{s} fl. 0.3^{s}, ec. 3.4^{s} " 0.3^{s}, " 11.0^{s} Cp. 420,000	240	22	White octagonal tower on two-storied dwelling, black bands, PUNTA LIBECCIO in black; 80.	Visible 298°–151°.
14920 *E 1960*	— — Punta San Simone, E. side of island.	37 58 12 04	**F. G**	20	5	Red iron column on masonry hut; 13.	
14930 *E 1958*	— — — Head of landing pier.		**F. R**	30	6	Concrete column; 23	
	— Isola Favignana:						
14940 *E 1948*	— — **Punta Marsala,** SE. point of island.	37 54 12 22	**Gp. Fl. W. (4)** period 15^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 7^{s} Cp. 2,473	61	13	White cylindrical tower in front of dwelling; 41.	Visible 195°–90°.
14950 *E 1952*	— — **Punta Sottile,** W. point of island.	37 56 12 16	**Fl. W** period 7.5^{s} fl. 0.3^{s}, ec. 7.2^{s} Cp. 150,000	142	18	White cylindrical tower, dwelling; 126.	Visible 298°–240°.
14960 *E 1950*	— — Favignana, head of mole.	37 56 12 20	**F. R**	17	6	Red iron structure; 14	Visible 229°–178°.

SICILY AND ADJACENT ISLANDS (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
14970 *E 1966*	AEGADEAN ISLANDS: — Scoglio Formiche, NE. of Formica Island. U.	N. E. 37 59 12 26	**Occ. W** period 6^s lt. 3^s, ec. 3^s Cp. 220	85	10	White cylindrical tower on house; 66.	
14980 *E 1968*	— Scoglio Porcelli, in approach to Trapani. U.	38 02 12 26	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 1^s " 0.5^s, " 8^s Cp. 300	74	11	Cylindrical masonry tower; 78.	
14982 *E 1982*	Scoglio Asinelli, in approach to Trapani, on N. part Asinelli islet.	38 04 12 32	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	35	7	Red and black banded iron lamppost; 30.	
14990 *E 1970*	TRAPANI: — **Scoglio Palumbo,** N. side of entrance.	38 01 12 29	**Fl. W** period 5^s fl. 1^s, ec. 4^s	54	13	White cylindrical tower octagonal one-story dwelling; 42.	
E 1972			**Occ. R** period 2^s lt. 1^s, ec. 1^s	30	9	Same tower	Visible 131°–176°.
15000 *E 1976*	— Columbaia Islet, head of mole, W. side of entrance.	38 00 12 30	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 22	30	5	Red iron skeleton tower on white masonry hut; 23.	
15010 *E 1978*	— Head of new breakwater on S. side of entrance to Ronciglio Harbor.		**Fl. G** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 22	33	5	Iron skeleton support on square stone hut; 31.	
15020 *E 1980*	— Head of health office mole.		**2 F. R.** (vert.)	19 14	6	Red iron column on masonry hut; 14.	
15030 *E 1940*	MARSALA: — Inner head of W. mole.	37 47 12 26	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s Cp. 6,840	62	13	White cylindrical tower, dwelling; 63.	
15040 *E 1942*	— Outer head of W. mole.		**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 18	34	5	Square concrete post on red hut; 29.	
15050 *E 1944*	— Head of E. mole		**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 19	33	5	Concrete pillar, 2-story concrete hut; 28.	
15060 *E 1938*	**Capo Feto (Della Matica).** U.	37 40 12 31	**Fl. W** period 3^s fl. 0.5^s, ec. 2.5^s	41	10	Hut on white building; 33.	
15070 *E1932*	MAZZARA: — Head of E. breakwater, about 135 yards 103° from W. Breakwater Light.	37 39 12 35	**Fl. W** period 5^s fl. 1.5^s, ec. 3.5^s Cp. 220	28	10	Post, black and white bands; 20.	
15080 *E1934*	— Near head of W. mole.		**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	27	10	Iron column on red conical framework structure on masonry hut; 23.	
15081	— Head W. Diga Curvilinea.		**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	37	3	Iron framework structure; 7.	

SICILY AND ADJACENT ISLANDS (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
15090 *E 1930*	**Capo Granitola**	N. E. 37 34 12 40	**Fl. W** period 10^s fl. 3^s, ec. 7^s Cp. 9,600	123	17	White cylindrical tower, balcony; 117.	
15100 *E 1928*	**Capo San Marco**	37 30 13 01	**Gp. Fl. W. (3)** period 15^s fl. 1^s, ec. 2^s " 1^s, " 2^s " 1^s, " 8^s Cp. 460	100	12	White tower, one-story dwelling; 26.	Visible 271°–127°.
15110 *E 1926*	Sciacca, head of mole	37 30 13 06	**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	34	6	Red skeleton structure; 23.	
15112	Detached mole	37 30 13 05	**Fl. R** period 2^s fl. 0.5^s, ec. 1.5^s	-----	6	--------------------	
15120 *E 1922*	**Capo Rossello**, summit of cape.	37 18 13 27	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 7.2^s	325	23	White cylindrical tower; 28.	
15130 *E 1918*	PORT EMPEDOCLE: — Head of E. mole	37 17 13 32	**Fl. G** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 45	30	6	White post, black bands on masonry hut; 24.	
15140 *E 1916*	— Head of W. mole	37 17 13 32	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 22	39	6	Red iron skeleton structure on cylindrical masonry hut; 23.	
15150 *E 1920*	— Molo Francesco Crispi, W. side of old port.	------	**2 F. R.** (vert.)	19 16	6	Pyramidal masonry column; 3.	Visible 172°–50°.
15160 *E 1904*	LICATA: — **Licata**, at root of E. mole.	37 06 13 57	**Fl. W** period 5^s fl. 0.8^s, ec. 4.2^s Cp. 37,448	131	17	White conical tower on square building; 123.	Obscured S. of 95°.
15162	— Head of Diga di Levante.	37 06 13 57	**Fl. G** period 6^s fl. 2^s ec. 4^s	26	6	Black and white banded lamppost; 20.	
15170 *E 1908*	— W. end of detached breakwater. **U.**	------	**Fl. G** period 6^s fl. 2^s, ec. 4^s	34	5	Iron post on red masonry hut; 30.	Visible 16°–307°
15180 *E 1906*	— E. end of detached breakwater. **U.**	------	**Fl. R** period 6^s fl. 2^s, ec. 4^s Cp. 44	34	6	Iron post on red polygonal masonry hut; 30.	Visible 127°–43°.
15190 *E 1912*	— Head of W. mole	37 05 13 56	**2 Fl. R.** (vert.) period 3^s fl. 0.3^s, ec. 2.7^s Cp. 20	41	3	Red and white banded metal lamppost; 18.	Obscured 110°–165°.
15200 *E 1910*	— Head of E. mole	------	**2 Fl. G.** (vert.) period 3^s fl. 0.3^s, ec. 2.7^s Cp. 15	39	2	Black and white banded metal lamppost; 18.	Obscured 235°–285°.

SICILY AND ADJACENT ISLANDS (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
15210 *E1900*	**Gela (Terranova),** head of short pier.	37 04 14 15	**Gp. Fl. W. (4)** period 15^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 2^s " 0.5^s, " 7^s Cp. 500	33	10	Small iron tower on iron tank; 23.	A F. G. light is shown at head of Molo di Levante.
15212	— Molo di Ponente		**Fl. R** period 4^s fl. 1^s, ec. 3^s	16	5		
15220 *E1898*	**Scoglitti**	36 53 14 26	**Gp Fl. W (3)** period 15^s fl. 0.5^s, ec. 2.5 " 0.5^s, " 2.5 " 0.5^s, " 8.5 Cp. 1,100	51	12	Small iron tower on iron tank; 23.	Visible 341°–150°.
15230 *E 1896*	**Capo Scrambri,** on Punta Secca.	36 47 14 30	**Gp. Fl. W. (2)** period 8^s fl. 1.5^s, ec. 1^s " 1.5^s, " 4^s	123	16	Structure; 113	
15240 *E 1894*	Marina di Ragusa (Mazzarelle), on beach.	36 47 14 33	**Fl. R** period 5^s	26	6	Iron column on white stone hut, black bands; 20.	
15250 *E 1892*	**Pozzallo,** on beach	36 44 14 51	**Gp. Fl. W. (4)** period 15^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 2^s " 0.5^s, " 7^s Cp. 1,300	33	11	Masonry column on white turret, red bands on yellow building; 23.	Visible 293°–60°.
15260 *E 1888*	**Porri Rocks,** on largest rock. **U.**	36 41 14 56	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 70	24	7	Gray cylindrical framework beacon; 14.	
15270 *E 1886*	**Isola della Correnti,** S. point.	36 38 15 06	**Fl. W** period 4^s fl. 1.5^s, ec. 2.5^s	54	12	Tower; **29.**	Visible 250°–114°.
15272	Porto Polo, head of mole.	36 41 15 07	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s		3		
15280 *E 1882*	**Cozzo Spadaro,** SE. point of Sicily.	36 41 15 08	**Gp. Fl. W. (3)** period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s Cp. 345,000	270	23	White octagonal tower on square house; 120.	Visible 170°–95°.
15290 *E 1884*	**Capo Passero,** on islet, off SE. point of Sicily.	36 41 15 09	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s	127	11	White cylindrical tower on NE. angle of fort; 63.	Visible 151°–63°.
15300 *E 1878*	Marzamemi, head of mole.	36 44 15 07	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 300	35	6	**Red and white banded metal lamppost.**	
15310 *E 1876*	**Capo Murro di Porco,** E. point of Sicily.	37 00 15 20	**Fl. W** period 5^s fl. 1^s, ec. 4^s	109	16	White tower, dwelling; 65.	Visible 160°–90°.

SICILY AND ADJACENT ISLANDS (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SYRACUSE (SIRACUSA):	N. E.					
15320 *E 1870*	— Punta Castelluccio, S. side of entrance.	37 02 15 18	**Fl. R** period 3^{s} fl. 0.7^{s}, ec. 2.3^{s} Cp. 100	69	8	Turret on white building, red bands; 28.	Visible 185°–320°. Reserve light F. R., visible 6 miles.
15330 *E 1866*	— Castello Maniace, N. side of entrance.		**Fl. G** period 3^{s} fl. 0.7^{s}, ec. 2.3^{s} Cp. 130	90	8	White cylindrical tower, black bands on house; 23.	Visible 188°–330°. Reserve light F. G., visible 6 miles. F. W. and F. R. lights are shown at NW. angle of pier near harbormaster's office.
15340 *E 1872*	— Caderini, W. side of harbor approach, near shore, front.	37 03 15 17	**Occ R** period 2^{s} lt. 1^{s}, ec. 1^{s} Cp. 1,020	39	11	Masonry tower, checkered red and white; 28.	Visible 258°–274°. Range lights.
15350 *E 1874*	— — Carrozzieri (rear), 1,090 yards 267° from front.		**Occ. W** period 5^{s} lt. 4^{s}, ec. 1^{s}	83	15	Masonry tower, checkered red and white; 49.	Visible 240°–275°.
15360	— La Darsena Guay, SW. entrance.	37 04 15 17	**F. R**	18	6	Concrete post; 11	
15362	— La Darsena Guay, SE. of entrance.	37 04 15 17	**F. G** Cp. 23	18	5	Concrete post; 11	
15370 *E 1864*	— Porto Piccolo, head of N. breakwater.	37 04 15 18	**Fl. G** period 1.5^{s} fl. 0.5^{s}, ec. 1.0^{s}	29	3	White iron structure, black bands; 16.	
15380 *E 1865*	— — Head of S. breakwater.		**Fl. R** period 1.5^{s} fl. 0.5^{s}, ec. 1.0^{s}	29	3	White iron structure, red bands; 16.	
15390 *E 1860*	**Magnisi**, N. point of peninsula.	37 09 15 14	**Gp. Fl. W. (4)** period 20^{s} fl. 0.5^{s}, ec. 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 10.5^{s} Cp. 1,000	48	12	White cylindrical tower near white house; 31.	Visible 90°–320°.
	AUGUSTA:						
15395	— E. extremity of pier	37 09 15 14	**F.R.(2 Horz)**	----	----	--------------------	
15400 *E 1862*	— Nead head of N. breakwater.	37 12 15 15	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	39	6	Black iron framework structure on concrete beacon; 40.	Radar reflector.
15410 *E 1863*	— Near N. end of detached breakwater.	37 12 15 14	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	46	4	Red iron skeleton structure, conical concrete base; 47.	Radar reflector.
15420 *E 1846*	— Punta Gennalena, front.	37 12 15 11	**Occ. W** period 2^{s} lt. 1^{s}, ec. 1^{s} Cp. 1,300	52	12	Quadrangular tower on black and white checkered structure; 31.	Visible 247°–299°. Range lights.
15420.1 *E 1848*	— — Rear, Dromo Giggia, 1.55 miles 274° from front.		**Occ. W** period 5^{s} lt 4^{s}, ec. 1^{s}	259	18	Quadrangular tower on black and white checkered structure; 31.	Visible 245°–301°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SICILY AND ADJACENT ISLANDS (I.)						
	AUGUSTA:	N. E.					
15440 *E 1844*	— Terrevecchia, head of mole.	-------	**2 F. R** (vert.)	36 33	5	Iron post on red tank; 26.	
15450 *E 1852*	— Cala del Molo, S. side of entrance.	-------	**F. G**	21	4	Iron column on white hut; 23.	Obscured 315°–45°. A F. R. light is located at Porto di Augusta on the Cathedral Belfry.
15460 *E 1854*	— Head of "Nafta" mole, 0.5 mile NE. of Fort Vittoria.	37 14 15 13	**2 F. G.** (vert.)	-----	4	Iron pole; 18	
15470 *E 1856*	— Gugno Point, head of new pier.	------	**2 F. R.** (vert.)	23	5	Iron pole; 18	
15475	— Head of oil pier	37 13 15 11	**2 F. R.** (Vert)	-----	-----	-- ------------------	
15480 *E 1858*	**Capo Santa Croce**	37 15 15 15	**Gp. Fl. W. (2)** period 10^s fl. 1^s, ec. 2^s " 1^s, " 6^s Cp. 5,335	128	15	White cylindrical tower, dwelling; 89.	Visible 146°–21°.
15490 *E 1836*	**Port Brucoli**, E. side of entrance to Porcaria River.	37 17 15 11	**Fl. W** period 3^s fl. 1^s, ec. 2^s Cp. 3,540	43	12	White polygonal tower, red stripe, on gray building; 41.	Visible 121°–232°.
	CATANIA:						
15500	— Sciara Biscari	37 29 15 06	**Fl. W** period 5^s fl. 0.7^s, ec. 4.3^s	102	16	White cylindrical tower on masonry hut; 93.	
15510 *E 1832*	— Head of Molo di Mezzogiorno.	-------	**Fl. R** period 2^s lt. 0.5^s, ec. 1.5^s Cp 40	36	5	Iron framework structure; 19.	
15512	**— Head of old mole**	-------	**2 F. R. (vert.)**	----	4	--------------------	
15513	**— Head of Porto Pechereccio breakwater.**	------	**2 F. G. (vert.)**	----	4	--------------------	
15520 *E1833*	— East breakwater, head.		**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	39	6	Cylindrical stone tower, black and white bands; 33.	
15530 *E1834*	— On eastern breakwater opposite Mezzogiorno Mole.	------	**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	37	4	Iron framework structure; 19.	Obscured from 175°--335°.
15540 *E 1826*	**Capo Molini**	37 35 15 11	**Gp. Fl. W. (3)** period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s Cp. 96,000	138	18	White hut on square tower; 67.	
	RIPOSTO:						
15550 *E 1824*	— Punta Chiancona	37 11 15 13	**Fl. W** period 5^s fl. 2^s, ec. 3^s Cp. 700	49	12	White turret on building; 33.	Visible 211°30′–330°.
15552 *E1822*	— Riposto Mole	37 44 15 13	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s	40	6	Red post, white stripes	

SICILY AND ADJACENT ISLANDS (I.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LAMPEDUSA:	N. E.					
15560 *E 2092*	— **Capo Grecale,** NE. extremity of island.	35 31 12 38	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	269	22	White octagonal tower, dwelling; 62.	Visible 112°–75°.
15570 *E 2088*	— Punta Maccaferri, E. side of entrance to Port Lampedusa.	35 30 12 36	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	57	5	Gray column, cylindrical base; 18.	Visible 285°–240°.
15580	— Port Lampedusa, head of Health Office Mole.	------	**F. R**	16	3	Red iron post; 16	
15582	— Pta. Favaloro Jetty, head.	35 30 12 36	**F. R.** (2 vert.)	21	3	Lamp post	
15590 *E 2090*	— Punta Guitgia, W. side of entrance.	-------	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	47	5	Red iron skeleton structure on cylindrical hut; 23.	
15600 *E 2082*	**Isola Linosa,** Punta Beppe Tuccio, NE. side of island.	35 52 12 53	**Gp. Fl. W.** (4) period 15^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 2^s " 0.5^s, " 7^s Cp. 8,700	105	16	White cylindrical tower, dwelling; 56.	At a distance less than 6 miles, the light is visible 103°–346°, at greater distances 107°–345°.
15610 *E 2080*	**Isola Linosa,** Punta Arena Bianca, on SW. side of island.	35 51 12 51	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 59	31	7	Iron skeleton structure on square masonry hut; 21.	Visible 276°30′–150°.
15620 *E 2084*	**Isolotto Lampione**	35 33 12 19	**Gp. Fl. W.** (2) period 10^s fl. 1^s, ec. 2^s " 1^s, " 6^s	131	11	Terrace of quadrangular masonry building; 19.	
	PANTELLARIA ISLAND:						
15630 *E 2094*	— **Punta Spadillo,** NE. point of island.	36 49 12 01	**Gp. Fl. W.** (2) period 10^s fl. 0.3^s, ec. 2.1^s " 0.4^s, " 7.1^s	164	19	White cylindrical tower, two-story dwelling; 69.	Visible 111°–310°.
15640 *E 2107*	— Punta Tracino	36 48 12 03	**Occ. W** period 6^s lt. 3^s, ec. 3^s	162	8	White masonry hut; 13	
15650 *E2106*	— Punta Limarsi	36 44 12 02	**Gp. Fl. W.** (3) period 15^s fl. 0.5^s, ec. 2.0^s " 0.5^s, " 2.0^s " 0.5^s, " 9.5^s Cp. 235	82	10	White cylindrical beacon on framework structure; 20.	
15660 *E 2096*	— Scauri, about 1,050 yards from tower at San Gaetano.	36 46 11 58	**Fl. W** period 5^s fl. 1^s, ec. 4^s	60	10	Gray iron trellis, gray cylindrical base.	
15670 *E 2098*	— **Punta San Leonardo,** NW. point of the island.	36 50 11 57	**Fl. W** period 3^s fl. 1^s, ec. 2^s Cp. 150	43	9	Iron framework structure, masonry base; 33.	

MALTA AND GOZO ISLANDS (BR.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
15710 *E 2050*	**Gozo Island,** N. side of island, summit of Guirdan Hill.	36 04 14 13	**Fl. W** period 60^{s} fl. 4^{s}, ec. 56^{s}	595	10	White tower on dwelling; 71.	
15720 *E 2052*	— Gozo, head of Miggiaro Breakwater. **U.**	36 01 14 18	**F. R**	27	5		Visible 263°–276°, and 314°–37°, obscured elsewhere.
15730 *E 2054*	MALTA ISLAND: — St. Paul Bay, near head of bay, N. side of island. **U.**	35 57 14 23	**F.R**		2	Iron columns; 21	
15740 *E 2056*	— Uardia Tower, Signal Station	35 57 14 24	**Fl. W** period 10^{s}	86	5	White square building and tower.	
15750	— Valletta Harbors: — — *Lighted Buoy,* 1,590 yards 68° from St. Elmo Point Breakwater Light.	35 56 14 31	**Fl. W** period 3^{s}			Red spherical buoy	
15760	— — *Lighted Buoy,* about 960 yards 302° from St. Elmo Pt. Breakwater Light.	35 54 14 31	**Qk. Fl. W**			Red buoy	
15770 *E 2058*	— — St. Julian Point	35 55 14 30	**Fl. G** period 6^{s}	78	4	Tower	
15780 *E 2062*	— — St. Elmo, head of breakwater, W. side of entrance to Grand Harbor.	35 54 14 32	**Fl. W** period 5.5^{s}	52	7	White cylindrical tower, red band on E. side.	4 F. R. lights (vertical) shown from Castille signal station and Fort St. Angelo indicate all merchant-vessel traffic is to cease in Grand Harbor and must keep clear of approach to entrance. Storm signals.
15790 *E 2064*	— — Head of Ricasoli Breakwater, E. side of entrance to Grand Harbor.	35 54 14 31	**Fl. R** period 10^{s}	36	6	White cylindrical stone tower, red bands on E. side; 30.	Obscured 120°–157° when firing or searchlight practices are taking place. Aero radiobeacon about 1 mile 152°.
15800 *E 2066*	— — Ras Hanzir, S. side of Grand Harbor.	35 53 14 30	**F.—R.W** (vert.) Cp. under 100	17 15	R. 1 W. 2	Iron beacon	W. 70°–190° only.
15810 *E 2068*	— AVIATION LIGHT	35 52 14 29	**Gp. Fl. R** period 9^{s}	340	25	Structure; 9	Flashes letters "LU". Visible from 170° to 345°.
15820 *E2070*	— Marsa Scirocco — — **Delimara Point,** near SE. point of island.	35 49 14 34	**Alt. Fl.—W. R.** period 60^{s} W. fl. 3.5^{s}, ec. 26.5^{s} R. fl. 3.5^{s}, ec. 26.5^{s}	151	15	White tower with black bands; 80.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
MALTA AND GOZO ISLANDS (BR.)							
	MALTA ISLAND: — Marsa Scirocco:	N. E.					
15830 *E 2074*	— — Hajra Rock, on center. U.	-------	**Fl. W** period 2^s fl. 0.3^s, ec. 1.7^s	10	2	Iron beacon; 15	
15840 *E 2076*	— — Fort St. Lucian, 433 yards 289° from Hajra Light.	35 50 14 33	**F. W., F. R.** (vert.)	125 119	5	Framework structure	*Occasional.*
15842	**— — Obstruction light**	**35 48 14 32**	**F. R.**	-----	-----	**On SW. mast of 3 radio masts.**	
ITALY—SOUTHEAST COAST							
15850	**Capo Spartivento,** summit of hill near cape.	37 55 16 04	**Fl. W** period 7.5^s fl. 0.4^s, ec. 7.1^s Cp. 43,000	210	21	White square tower on dwelling; 51.	Visible 227°–83°.
15860 *E 2108*	**Punta Stilo**	38 27 16 35	**Gp. Fl. W. (3)** period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s Cp. 13,700	170	19	Quadrangular tower, black and white bands, yellow base; 44.	**Reserve light, same characteristics, visible 11 miles.**
15870 *E 2110*	Cantanzaro, on beach, near village.	38 49 16 37	**Fl. R** period 5^s fl. 2^s, ec. 3^s Cp. 385	39	9	Iron framework tower, masonry base; 30.	**Radiobeacon:** about 8 miles NW.
15880 *E 2112*	**Capo Rizzuto,** SW. entrance to Gulf of Taranto.	38 54 17 06	**Gp. Fl. (2)—W. R.** period 10^s fl. 0.5^s, ec. 3^s " 0.5^s, " 6^s Cp. 72,000	121	W. 16 R. 11	Octagonal tower on dwelling; 57.	R. 225°–270°, W.– 84°. R.–133°,
15890 *E 2118*	**Capo Colonne,** extremity.	39 01 17 12	**Fl. W** period 5^s Cp. 49,000	133	17	White octagonal tower on two-storied dwelling; 72.	Visible 127°–20°.
	CROTONE:						
15900 *E2122*	— Porto Vecchio, 43 yards from head of mole.	39 05 17 08	**Gp. Fl. (2)—W. G.** period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s Cp. G. 37, W. 270	44	W. 10 G. 5	Iron structure on masonry hut; 33	W. 95°–205°, G.–95°.
15910 *E 2124*	— Head of W. mole, new harbor.	39 05 17 08	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	33	6	Iron skeleton structure, cylindrical concrete base; 25.	
15920 *E 2120*	— Porto Novo, E. breakwater.	-------	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 60	39	8	Masonry tower; 33	
15930 *E2128*	**Punta Alice,** W. side of gulf.	39 24 17 09	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 6.5^s Cp. 500	102	16	White octagonal tower on dwelling; 91.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			ITALY—SOUTHEAST COAST				
		N. E.					
15940 *E 2130*	**Capo Trionto**	39 37 16 46	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 720	69	11	Cylindrical tower; 59.	Reserve light F. G., visible 9 miles.
15950 *E 2131*	Ginosa	40 26 16 54	**Gp. Fl. W. (4)** period 10^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 1^{s} " 0.5^{s}, " 1^{s} " 0.5^{s}, " 5^{s}	29	10	Black and white banded tower, house	
15960 *E 2132*	TARANTO: — **Capo San Vito**	40 25 17 12	**Gp. Fl. W. (3)** period 15^{s} fl. 1^{s}, ec. 2^{s} " 1^{s}, " 2^{s} " 1^{s}, " 8^{s} Cp. 21,000	151	18	White octagonal tower, dwelling; 141.	**Radiobeacon.** Signal station.
15970 *E 2134*	— San Vito Shoal, W. edge, head of breakwater.		**Gp. Fl. G. (2)** period 7^{s} fl. 1^{s}, ec. 1^{s} " 1^{s}, " 4^{s} Cp. 34	49	6	Black iron pyramidal structure; 49.	When near Cabo San Vito, partially obscured by the lights of Taranto.
15980 *E 2138*	— Isolotto San Paolo, head of breakwater.	40 26 17 11	**Gp. Fl. R. (2)** period 7^{s} fl. 1^{s}, ec. 1^{s} " 1^{s}, " 4^{s} Cp. 60	49	6	Concrete tripod structure; 39.	
16010 ***E2150***	**— Passagio Piccolo: — — S. Range, Tarantola Shoal, front.**	**40 27 17 14**	**3 Qk. Fl. G. (vert) 60 fl. per. min.**	**34**	**4**	**Square iron pyramid; 34.**	**Upper light visible 55°–25°. Middle light on Range axis between Isolotto S. Paolo and Diga di San Vito. Lower light on range 193°–13°.**
16010.1 ***E2152***	**— — — Rear about 1.5 miles 193° from front.**	**40 25 17 13**	**Occ. W** **period 2^{s} lt. 1.5^{s}, ec. 0.5**	**46**	**12**	**Iron staff with flag on white masonry beacon, black stripes; 38.**	**Shown only on passage of vessel through the channel.**
16030	— — N. Range, Front, in Mar Piccolo.		**Qk. Fl. R** **60 fl. per min.**	34	3	Iron skeleton pyramid, white bands, on piles; 34.	Range lights 13°. *Rear light shown only on passage of vessels through the channel.*
16030.1	— — — Rear, NW. shore of Mar Piccolo, near Casa Troilo.		**Occ. W** period 2^{s} lt. 1.5^{s}, ec. 0.5^{s}	66	9	Square masonry pillar, lower part black and white stripes upper part black; 31.	The channel is marked as follows: 4 F. R. lights on the 4 ends of the canal banks, and 2 F. Bu. lights on bridge piers when bridge is open, or 4 F. G. lights on bridge piers when bridge is closed. Mar Piccolo is lighted as follows: F. G. lights on 2 mole heads, 2 F. R. lights (vertical) on S. mole of Buffoluto, and 2 F. R. lights on the western mole head at Buffoluto.

ITALY—SOUTHEAST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TARANTO:	N. E.					
16050 *E 2144*	— Porto Mercantile, head of W. Mole.	40 28 17 13	**Fl. R** period 5^{s} fl. 1^{s}, ec. 4^{s} Cp. 50	23	5	Iron structure; 15	
16060 *E 2146*	— Porto Mercantile. — — Head of E. Mole		**Fl. G** period 5^{s} fl. 1^{s}, ec. 4^{s} Cp. 30	14	5	Iron support; 20	
16070 *E 2162*	**Torre dell' Ovo,** on Capo dell' Ovo.	40 18 17 30	**Fl. W** period 3^{s} fl. 1^{s}, ec. 2^{s} Cp. 2,750	105	16	Masonry hut on tower; 56.	
16080 *E 2164*	Cesareo Range, front	40 15 17 54	**Qk. Fl. W** 60 fl. per min.	42	9	Skeleton framework on black and white checkered masonry hut; 39.	Visible 350°–68° outside 350°–80° inside harbor. Range lights.
16080.1 *E 2166*	— Rear, 852 yards 34° from front.		**Occ. W** period 3^{s} lt. 2^{s}, ec. 1^{s}	64	13	Skeleton framework on black and white checkered masonry hut; 29.	Visible 339°–99°.
	GALLIPOLI:						
16100 *E 2168*	— **Isola San Andrea,** SW. point of Island.	40 03 17 57	**Gp. Fl. W. (2)** period 10^{s} fl. 0.4^{s}, ec. 2.2^{s} " 0.4^{s}, " 7.0^{s} Cp. W. 182,000.	148	18	White octagonal tower on two-storied dwelling; 141.	Reserve light shows same characteristic.
16110 *E 2172*	— Head of mole		**Fl. G** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 43	33	5	Cylindrical iron column black bands on tank; 24.	Visible 253°30′–234°.
16120	— *Rafo Shoal Lighted Buoy,* about 520 yards 327° from head of N. Mole. U.		**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	8	7	Buoy	
16130	— Head of mole, W. side of Canneto Cove.		**Fl. W** Cp. 49	26	6	Square iron framework tower; 20.	
16140 *E 2174*	Torre San Giovanni	39 53 18 07	**Occ.—W. R** period 4^{s} lt. 2^{s}, ec. 2^{s}	75	W. 13 R. 9	Black and white checkered tower on masonry hut; 72.	R. 311°–13°, W.–123°.
16150	*Seche di Ugento Lighted Buoy,* S. side.	39 50 18 09	**Fl. W** period 6^{s} fl. 1^{s}, ec. 5^{s}	10	8	Red conical buoy, truncated topmark.	
16160 *E2176*	**Capo Santa Maria di Leuca.**	39 48 18 22	**Gp. Fl. W. (3)** period 15^{s} fl. 0.4^{s}, ec. 2.6^{s} " 0.4^{s}, " 2.6^{s} " 0.4^{s}, " 2.6^{s} " 0.4^{s}, " 8.6^{s} Cp. 238,000	334	25	White octagonal tower on 2-storied dwelling; 159.	**Radiobeacon.** Reserve light, same characteristics, visible 13 miles.
16162	— Upper Terrace, about 1.6 miles 309° from Capo Santo Maria di Leuca.	39 49 18 20	**Occ. R** period 4^{s} lt. 3^{s}, ec. 1^{s}	----	22		Visible 90°–102°. Signal station.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
ITALY—EAST COAST							
16170 *E 2178*	**Capo Otranto,** on extremity.	40 06 18 31	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 20,000	197	20	White cylindrical tower on two-storied dwelling; 104.	Visible 148°–28°. Signal station.
16180 *E 2182*	Otranto, Craul Point, N. of port.	40 09 18 30	**Gp. Fl. (3) — W. R.** period 10^s fl. 1.0^s, ec. 1.0^s " 1.0^s, " 1.0^s " 1.0^s, " 5.0^s	46	W. 10 R. 7	Iron framework structure; 33.	R. 165°–183°, W.–165°.
16190 *E 2186*	— San Nicola Point, head of mole.	-------	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 16	36	4	White iron structure red bands near masonry hut.	
16200 *E 2188*	Torre San Andrea	40 15 18 27	**Gp. Fl. (2) — W. R.** period 7^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 4.5^s Cp. W. 240, R. 50.	85	W. 10 R. 7	Square tower, black and white checkers; 55.	R. 300°–**350**°, W.–300°.
16210 *E 2192*	**Punta San Cataldo di Lecce,** near extremity.	40 23 18 19	**Fl. W** period 5^s fl. 2^s, ec. 3^s	75	14	Truncated masonry tower on house; 77.	Visible 140°–315°. **Radio Direction Finder** (Borgo Piave).
16220	BRINDISI: — *Cape Cavallo Lighted Buoy.*	40 40 18 02	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 120	11	7	Red conical buoy	
16230 *E 2196*	— **Pedagne Rocks,** E. side of entrance to outer road.	40 39 18 00	**Gp. Fl. R. (2)** period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s Cp. 190	69	8	White cylindrical tower on black cylindrical dwelling; 61.	Visible 349°–252°.
16240 *E 2200*	— **Punta Riso,** NE. extremity of St. Andrea Island.	40 40 17 58	**Gp. Fl. G. (2)** period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s Cp. 24	44	6	Cylindrical tower, circular base; 33.	
16250 *E 2202*	— Castello a Mare (Fort Mare).	40 39 17 58	**Gp. Fl. W. (4)** period 20^s fl. 0.3^s, ec. 3.0^s " 0.3^s, " 3.0^s " 0.3^s, " 3.0^s " 0.3^s, " 9.8^s Cp. 76,000	133	17	Square iron skeleton pyramid; 59.	Serves also as aviation light. Reserve light .
16260 *E 2204*	— Head of N. breakwater, S. of Castello a Mare.	40 39 17 58	**Fl. G** period 1.5^s fl. 0.5^s, ec. 1^s Cp. 483	39	7	White cylindrical masonry tower; 23.	**Nautophone:** 2 blast ev. 20^s.
16270 *E 2206*	— Head of S. breakwater, opposite Castello a Mare.	-------	**Fl. R** period 1.5^s fl. 0.5^s, ec. 1^s	34	4	White masonry tower, red and white bands	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ITALY—EAST COAST						
	BRINDISI:	N. E.					
	— Canale Pigonati:						
16280 *E 2210*	— — E. side of inner harbor entrance.	40 39 17 57	**Qk. Fl. R** **60 fl. per min.**	26	5	Iron framework structure on red and white cylinder; 16.	
16290 *E 2212*	— — W. side of inner harbor entrance.	------	**Qk. Fl. G** **60 fl. per min.**	26	4	Iron framework structure on black and white cylinder; 16.	
16300 *E 2214*	— — Inner end of entrance to canal, on E. side.	------	**F. R** Cp. 99	31	8	Red framework structure; 25.	Visible 18°-227°.
16310 *E 2216*	— — Inner end of entrance to canal, on W. side.	------	**F. G** Cp. 84	31	5	Black framework structure; 25.	Visible 227°-70°.
16320	— Easternmost head of 5 piers in harbor, N. of castle.	40 38 17 56	**F. R**	-----	-----	----------------------	
16330	— Westernmost head of 5 piers in harbor, N. of castle.	------	**F. R**	-----	-----	----------------------	
16350 *E2222*	Torre Canne	40 51 17 28	**Gp. Fl. W. (2)** period 10^{s} fl. 1.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 5.5^{s} Cp. 4,000	115	16	Yellow octagonal masonry tower on dwelling; 104.	*Reserve light visible 14 miles.*
16352	— Molehead, 3.27 miles 307°30′ from #16350.	------	**Fl. G.**	-----	5	----------------------	
16360 *E2224*	**Monopoli, (Molo Margherita)**, N. head of S. breakwater.	40 57 17 18	**Fl. R** period 3^{s} fl. 1^{s}, ec. 2^{s}	49	8	Cylindrical tower, Red and white bands; 46.	
16370 *E2226*	— N. mole head	------	**Fl. G** period 3^{s} fl. 1^{s}, ec. 2^{s}	40	6	Black iron framework tower on quadrangular concrete base; 34.	
16380 *E 2228*	Mola di Bari, head of breakwater.	41 04 17 06	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	41	4	Iron pyramidal skeleton structure; 33.	
16382 ***E2229***	— Head of Braccio di Levante.	------	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	25	4	**Red and white striped metal structure.**	
16384	— Torra Mare (Torre Pelosa).	41 05 17 00	**F. R**	33	6	Post; 26	
	BARI:						
16390 *E 2232*	— **Punta San Cataldo**, NW. side of port.	41 08 16 51	**Gp. Fl. W. (3)** period 20^{s} fl. 0.4^{s}, ec. 4.6^{s} " 0.4^{s}, " 4.6^{s} " 0.4^{s}, " 9.6^{s} Cp. 515,000	218	21	White octagonal tower, two-storied dwelling; 205.	An obstruction light, Occ. R. every 5^{s}, is shown from framework tower 0.3 mile 235° 30′.
16400 *E 2236*	— Head of outer breakwater, Nuovo Molo Foraneo.	------	**Fl. R** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	**49**	6	Red iron skeleton structure; 26.	
16410 *E 2234*	— Head of Molo San Cataldo.	------	**Fl. G** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	39	5	Iron skeleton structure; 29.	

ITALY—EAST COAST

No.	Name and location	Position, lat. long. ° '	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BARI:	N. E.					
16415 *E2235*	— N. corner of quay, about 0.15 mile 119° from Punta San Cataldo Light.		2 F. R. (vert.)	19	4	Lampost; 23	
16420 *E2240*	— Head of Molo di Ridosso.	41 08 16 52	2 F. G. (vert.)	26 23	1	Iron post; 23	
16422 *E2241*	— Nuovo Molo Foraneo, head of spur.	41 08 16 52	Fl. R. period 5^s fl. 0.5^s, ec. 4.5^s	11	4	Red iron framework tower; 13.	
16430 *E 2238*	— Head of Vecchio Molo Foraneo.		Gp. Fl. R. (2) period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s Cp. 25	49	5	Cylindrical masonry tower, dwelling; 42.	
16440 *E 2242*	— Head of Molo Pizzoli		Gp. Fl. G. (2) period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s Cp. 21	30	4	Masonry tower; 20	
16450	— Head of Molo San Vito.	41 08 16 50	2 F. R. (vert.)	19 23	4	Metal post; 19	
16460 *E 2244*	— Head of San Antonio Mole.	41 08 16 53	Fl. G. period 5^s fl. 1^s, ec. 4^s	55	5	Cylindrical masonry tower, square base; 46.	Visible 180°–120°.
16470 *E 2246*	Santo Spirito, head of mole.	41 10 16 45	F. R.	20	3	Iron post	Maintained by the municipality. **Radiobeacon.**
	MOLFETTA:						
16480 *E 2248*	— Second elbow of E. mole.	41 12 16 36	Occ. W. period 6^s lt. 3^s, ec. 3^s Cp. 8,100	66	13	White octagonal tower on dwelling; 60.	Visible 125°–289°.
16490 *E 2252*	— Head of Molo Foraneo.	41 13 16 36	Fl. R. period 3^s fl. 0.3^s, ec. 2.7^s	29	5	White tower red bands; 14	
16500 *E 2254*	— Molo Pennello, head of W. mole.	41 13 16 36	Gp. Fl. G. (2) period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s	16	5	Iron framework structure; 9.	
16510 *E 2256*	— E. extremity Secca S. Domenico.		Fl. G. period 5^s fl. 0.5^s, ec. 4.5^s	31	3	Iron framework structure, masonry base; 8.	
16520 *E 2258*	Bisceglie, head of S. mole.	41 15 16 31	F. R.	36	7	Post on red circular iron hut; 15.	
	TRANI:						
16530 *E2261*	— Molo San Antonio, head of extension.	41 17 16 25	Occ. R. period 4^s lt. 3^s, ec. 1^s	23	4	Red iron post; 19	
16540 *E 2260*	— Molo San Antonio	41 17 16 25	Fl. W. period 5^s fl. 1^s ec. 4^s	31	11	Cylindrical tower; 16	
16550	— Braccio di San Nicola.		F. G.	25	3	Iron post; 20	Maintained by local authorities.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			ITALY—EAST COAST				
	BARLETTA:	N. E.					
16560 *E2262*	— Angle of W. breakwater.	41 20 16 17	**Gp. Fl. W.** (2) period 12^s fl. 2^s, ec. 2^s " 2^s, " 6^s Cp. 8,100	70	14	Red tower, two dwellings; 65.	Obscured 210°–242.
16570	— On church 1630 yards 217° from Barletta W. breakwater light.	41 20 16 17	F. W		10	Cupola of church	
16580 *E 2268*	— Head of E. mole		**Fl. R** period 4^s fl. 1^s, ec. 3^s Cp. 50	23	7	Masonry column, building; 18.	
16590 *E 2266*	— Head of Molo di Tramontana.		**Fl. G** period 4^s fl. 1^s, ec. 3^s Cp. 32	29	6	White cylindrical masonry tower; 25.	
16600 *E 2274*	Margherita di Savoia, head of mole.	41 23 16 09	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	23	7	Skeleton tower on stone hut; 29.	Maintained by local authorities.
16610 *E 2276*	**Manfredonia**, inner end of E. mole.	41 38 15 56	**Occ. W** period 10^s lt. 5^s, ec. 5^s Cp. 3,500	67	14	White hexagonal tower on dwelling; 60.	
16620 *E 2880*	— Head of E. mole	41 37 15 56	**Fl. G** period 2.5^s fl. 0.5^s, ec. 2^s Cp. 34	48	6	Cylindrical tower; 41	
16630 *E 2278*	— Head of W. mole	41 37 15 55	**Fl. R** period 2.5^s fl. 0.5^s, ec. 2^s Cp. 18	38	6	White cylindrical tower, red brick base; 33	
16638 *E 2284*	Punta Agnuli	41 43 16 05	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 70	52	7	White cylindrical tower on dwelling; 31.	
16650 *E 2288*	Vieste, **Santa Eufemia Rock**, extremity of Mount Gargano Peninsula.	41 53 16 11	**Gp. Fl. W.** (3) period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s	131	17	White octagonal tower on two-story dwelling; "VIESTE" in black; 90.	Visible 124°–348°.
16660 *E 2290*	Rodi, near head of mole	41 56 15 53	**Fl. W** period 3^s fl. 1^s, ec. 2^s Cp. 270	28	7	Iron post, red and white stripes; 16.	
16670 *E3586*	**Isola Pelagruz** (Y.)	42 23 16 15	**Fl. W** period 17.5^s fl. 0,8^s, ec. 16,7^s	361	25	Octagonal tower on building; 74.	**Siren:** 1 blast every 60^s.
16680 *E 3588*	— Near main light		**Occ. R** period 5^s lt. 4^s, ec. 1^s	315	8	Iron support on roof of white concrete hut.	Visible 264°–304°, over Gaiola Shoal.
16690 *E 2300*	**Isola Pianosa**, N. side of island.	42 13 15 45	**Gp. Fl. W.** (2) period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s Cp. 585	82	12	Brick hut, white masonry tower; 55.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

ITALY—EAST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TREMITI ISLANDS:	N. E.					
16700 *E 2296*	— **Isola Caprara,** NE. end of island.	42 08 15 31	**Gp. Fl. W. (4)** period 15^s fl. 0.5^s, ec. 1^s " 0.5^s, " 1^s " 0.5^s, " 1^s " 0.5^s, " 10^s Cp. 580	113	15	White octagonal tower on house; 66.	Visible 116°–9°, also in the channel and anchorage between the islands San Nicolo, Cretaccio, and San Domino.
16710 *E 2298*	— Isola San Nicolo, SW. end of island, head of mole at Tremiti.	42 07 15 30	**Fl. G** period 6^s fl. 1.5^s, ec. 4.5^s	26	4	Iron column on cylindrical hut.	
16720 *E2294*	— **Diavolo Point,** SW. end of Isola San Domino.	42 06 15 29	**Gp. Fl. W. (3)** period 10^s fl. 1^s, ec. 1^s " 1^s, " 1^s " 1^s, " 5^s Cp. 500	159	11	White octagonal tower and house; 52.	Visible 300°–175°.
16730 *E2304*	Porto Termoli, head of N. Mole.	42 00 15 00	**Gp. Fl. G. (2)** period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s	30	3	Iron framework structure on hut; 23.	A Fl. G. light ev. 3^s, vis. 6 mi. marks progress of work on west mole.
16740 *E2305*	— Head of S. Mole	42 00 15 00	**Fl. R** period 3^s fl. 1^s, ec. 2^s	30	6		
16750 *E2306*	**Punta Penna**	42 10 14 43	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 1,400,000	277	23	Yellowish octagonal tower on two-story dwelling; 193.	Reserve light, same characteristics, reduced power. A F. G. light marks head of E. mole under construction.
16760 *E 2308*	San Vito Chietino, on head of pier.	42 19 14 27	**F. R**	26	2	Cement pillar	
16770 *E 2312*	**Ortona a Mare**	42 21 14 24	**Gp. Fl. W. (2)** period 6^s fl. 1^s, ec. 1^s " 1^s, " 3^s	72	14	Octagonal tower on dwelling, tower and north side dwelling in black and white bands	
16790 *E2314*	— Molo Nord	42 21 14 25	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	30	6	Black and white banded masonry tower; 18	
16795 *E 2310*	— Molo Martello, SE. corner.		**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	23	5	White column black bands; 20	
16800 *E2316*	— Head of Molo Sud		**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	30	6	Red and white masonry tower; 25	
16810 *E2318*	Pescara, head of S. mole.	42 28 14 14	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	36	5	Red iron post, white stripes; 20.	
16820 *E 2320*	— Head of N. mole		**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 15	36	4	Black iron support, white stripe; 20.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ITALY—EAST COAST						
	GIULIANOVA:	N. E.					
16830 *E 2324*	— Head of S. mole	42 45 13 59	**Fl. R.** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 34	26	6	**Red and white striped iron post; 23.**	
16840 *E 2326*	— Head of N. mole		**Fl. G.** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 23	26	5	**Black and white banded iron post; 23.**	
16842	Fiume Tronto, S. side	42 54 15 15	**2 F.R.** (vert)	36 31	5	Concrete post; 26	
16843	San Benedetto del Tronto, SW. end of harbor.	42 57 13 53	**Gp. Fl. W. (2)** period 10^s fl. 1^s, ec. 1^s " 3^s, " 5^s	102	15	White cylindrical tower on a two story white dwelling, 102.	Reserve light; same characteristics, visible 14 miles.
16845 *E 2330*	San Benedetto, head of N. mole.		**Fl. G.** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 10	30	4	Iron support, white bands; 23.	**Nautophone**: 1 blast every 20^s.
16850 *E 2334*	— Head of S. mole	42 57 13 53	**Fl. R.** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 15	26	4	Red and white iron support.	
16860 *E 2336*	**Pedaso**, about 0.5 mile S. of village.	43 05 13 51	**Gp. Fl. W.** (3) period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s Cp. 55,000	164	19	White tower on house	Reserve light visible 10 miles.
16862 *E 2337*	Porto S. Giorgio, about 1 mile, SSE. on head of pier.	43 10 13 49	**F. R.**	26	3	Cement platform; 20	
16870 *E 2338*	Civitanova, on head of mole.	43 18 13 45	**Fl.—W.** period 4^s fl. 1^s, ec. 3^s	23		White iron structure; 16	
16880 *E 2340*	Port Recanati	43 26 13 40	**2 F. R.** (vert.) Cp. 60	36	7	Tower on circular hut	
	ANCONA:						
16890 *E 2344*	— **Mount Cappuccini**	43 37 13 31	**Gp. Fl. W.** (4) period 24^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 14.7^s Cp. 380,000	407	27	Cylindrical tower on dwelling; 66.	Reserve light visible 16 miles. Obscured S. of bearing 306°. A Fl. R. light, period 3^s, about 203 feet high, is shown from the top of the radio mast at Posatore. A similar light is shown about 100 feet below and 3 F. R. lights near the base.
16897	— Beacon	43 37 13 30	**F. R.**		3		

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ITALY—EAST COAST						
	ANCONA:	N. E.					
16900 *E 2352*	— Molo Sud, head of NW. extension.	-------	**Fl. G** period 3^{s} fl. 1^{s}, ec. 2^{s}	29	5	White tower, black bands; 23	
16910 *E 2346*	— Head of N. mole **U.**	-------	**Fl. R** period 3^{s} fl. 1^{s}, ec. 2^{s}	39	8	Masonry tower, red and white bands.	Visible 277°–230°. **Nautophone:** 4 blasts ev. 25^{s}.
16920 *E 2347*	— S. spur of N. mole, outer end.	43 37 13 30	**F. R**	20	6	Gray concrete post; 23	
16930 *E 2348*	— On rocks extending from root of N. mole. **U.**	-------	**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	26	5	Red iron post on concrete hut; 23.	Visible 255°–111°.
16940 ***E 2350***	— Off old head of S. mole. **U.**	-------	**Fl. G** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	33	4	Black iron post on concrete hut; 20.	
16948 *E2355*	— Pipeline Terminal	43 40 13 25	**Fl. R** Period 3^{s} fl. 1^{s} ec. 2^{s}	98	9	-------	**Nautophone:** 2 bl. ev. 20^{s}.
16950 *E 2354*	Esino River, mouth, head of jetty at Falonara Marittima.	43 39 13 24	**F.W., F.R., F.R.** (vert.)	W.28 R.23 R.33	2	Support on corner of hut.	
	SENIGALLIA:						
16960 *E 2356*	— Head of E. mole	-------	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. 10	26	5	Red and white banded tower; 23	
16970 *E 2360*	— Head of W. mole	43 43 13 13	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	26	4	Black and white banded tower; 23.	
16980 ***E2358***	— Senigallia	-------	**Gp. Fl. W. (2)** period 15^{s} fl. 3^{s}, ec. 2^{s} " 3^{s}, " 7^{s} Cp. 3,500	70	14	White octagonal brick tower, black bands, dwelling; 67.	**Radiobeacon.**
	FANO:						
16990 *E 2362*	— Inner part of channel.	43 51 13 01	**Fl. W** period 5^{s} fl. 1^{s}, ec. 4^{s} Cp 1,680	69	13	White square tower on 2-story dwelling; 66.	Reserve lights; one same characteristics, visible 12 miles, and one F. W. visible 8 miles. A F. R. light marks work in progress.
17000 ***E 2364***	— Head of E. mole	-------	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	28	4	Red iron column; 25	**Nautophone:** 1 blast every 16^{s}.
17010 ***E 2366***	— Head of W. mole	-------	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	26	4	Black iron post on concrete hut; 16.	
17020 ***E 2368***	— Canal entrance, outer end of mole.	-------	**2 Fl. R.** (vert.)	26 21	6	Red iron column; 25	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ITALY—EAST COAST						
17030 *E 2377*	PESARO: — Monte San Bartolo	N. E. 43 55 12 53	**Gp. Fl. W. (2)** period 15^{s} fl. 0.2^{s}, ec. 3.6^{s} " 0.2^{s}, " 11^{s} Cp. 545,000	574	31	Yellow cylindrical square base; 82.	Reserve light visible 10 miles. Obscured S. of bearing 125°.
17040 *E 2374*	— Head of E. mole		**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 10	10	4	Red iron framework support, white stripes; 7.	
17050 *E 2376*	— Head of W. mole		**Fl. G** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	28	4	Iron column; black and white stripes; 25	
17060 *E 2382*	Cattolica, head of E. mole.	43 58 12 45	**Fl. R** period 5^{s} fl. 1.5^{s}, ec. 3.5^{s} Cp. 19	28	6	Red iron lamppost; 25	**Nautophone**: 2 blasts ev. 20^{s}.
17070 *E 2384*	— Head of W. mole		**Fl. G** period 5^{s} fl. 1.5^{s}, ec. 3.5^{s}	28	6	Iron lamppost black and white stripes; 25	
17080 *E 2390*	— Riccione, head of E. mole.	44 00 12 39	**F. R** Cp. 6	26	3	Iron mast; 26	
17090 *E 2394*	RIMINI: — **Rimini,** E. side of channel, near root of E. mole.	44 04 12 34	**Gp. Fl. W. (3)** period 15^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 9.5^{s}	95	15	Square brick tower on old octagonal structure; 89.	Visible 160°–280°. Reserve light visible 13 miles.
17100 *E 2396*	— Head of E. mole		**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	26	4	Lamp-post black and white stripes; 21	**Nautophone**: 2 blasts every 20^{s}.
17110 *E 2398*	— Head of W. mole U.		**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	26	4	Lamp-post black and white stripes; 21	
17112	— AVIATION LIGHT	44 01 12 37	**Alt. Fl—W. Bu** 16 fl. per min	89	37		
17130 *E 2406*	CESENATICO: — **Cesenatico,** near root of E. mole.	44 12 12 24	**Gp. Fl. W. (2)** period 6^{s} fl. 1^{s}, ec. 1^{s} " 1^{s}, " 3^{s} Cp. 2,400	61	13	Cylindrical tower near 2-storied building; 58.	Reserve lights: 1. Same characteristic, visible 13 miles. 2. F. W., visible 9 miles.
17140 *E 2404*	— Head of E. mole		**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 21	23	5	Red lamp post, white bands; 18	**Nautophone**: 3 blasts every 20^{s}.
17150 *E 2408*	— Head of W. mole		**Fl. G** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 24	23	4	Black lamp post, white bands; 18	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
ITALY—EAST COAST							
17160 *E 2414*	Cervia, head of N. jetty	N. E. 44 16 12 21	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	23	4	Black and white striped lamppost; 18	
17170 *E 2412*	— Head of S. mole	44 16 12 22	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	23	10	Red lamp-post white stripes; 25	**Nautophone:** blast 1.5^s, silent 1.5^s, blast 5^s, silent 10^s.
17175	PORTO CORSINI (CORSINA): — Oil Terminal	44 29 12 22	**Gp. Fl. R.**	72	6	Red tower, white stripes	**Nautophone:** 3 blasts ev. 30^s.
17180 *E 2418*	— **Corsini,** S. side of entrance to inner canal.	44 29 12 17	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s	115	16	White octagonal tower on 2-story brick dwelling; 108.	Current signals.
17190 *E 2420*	— Near head of S. mole		**Fl. R** period 2^s fl. 0.5^s, ec. 1.5^s Cp. 26	26	5	Black and white striped iron structure; 23	**Nautophone:** 4 blasts every 25^s, Morse letter H (. . . .).
17200 *E 2422*	— Near head of N. mole		**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s Cp. 22	26	5	Black and white striped iron structure; 23	
17210 *E 2426*	PORT GARIBALDI: — Near root of N. mole	44 40 12 15	**Gp. Fl. W.** (4) period 15^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 2^s " 0.5^s, " 7^s Cp. 900	46	12	White cylindrical tower; on two-story dwelling. 41.	Reserve light same characteristics, visible 10 miles.
17220 ***E 2428***	— Near head of N. mole		**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	24	4	Black and white striped metal lamppost; 18	**Nautophone:** 3 blasts ev. 20^s. Morse letter "G"
17230 ***E 2430***	— Near head of S. mole		**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 36	24	6	Red and white striped metal lamppost; 18	
17235 ***E2431***	Porto di Volano	44 48 12 16	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	23	7	White lamp post	Privately maintained.
ITALY—NORTHEAST COAST							
17240 ***E2432***	PO RIVER: **Po di Goro,** about 1.95 miles 227° from Sacca Scardovari.	N. E. 44 47 12 24	**Gp. Fl. W.** (2) period 7.5^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 5^s Cp. 313	84	14	White truncated tower on red dwelling; 80.	Reserve light, visible 11 miles.
17250 ***E 2434***	— Secca degli Scardovari, port side entrance to Foce della Guocca. **U.**	44 48 12 25	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 20	23	5	Iron framework tower on concrete base; 25	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ITALY—NORTHEAST COAST						
	PO RIVER:	N E					
17260 *E 2438*	— Busa del Bastimento, N. side of entrance. **U.**	44 54 12 30	**Fl. G** period 5^s fl. 1^s, ec. 4^s Cp. 14	18	4	Iron column on pile structure; 20.	
17270	— *Lighted Buoy*	44 58 12 36	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	13	7	Cylindrical buoy, red and white bands, staff topmark, letter "D" in white.	Privately maintained.
17280 *E2440*	— **Punta della Maestra**.	44 58 12 29	**Gp. Fl. W. (3)** period 15^s fl. 0.2^s, ec. 2.8^s " 0.2^s, " 2.8^s " 0.2^s, " 8.8^s	156	19	White cylindrical tower 149.	3 reserve lights show same characteristics, reduced visibility. **Radiobeacon.**
17290 *E 2442*	— Po de Pila, N. side of mouth. (Punta della Maestra).	44 58 12 32	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 12	29	4	Black iron skeleton structure; 28.	
17300 *E 2446*	— Porto Levante Range, rear. **U.**	45 04 12 21	**Occ. W** period 6^s lt. 5^s, ec. 1^s Cp. 104	28	8	**Black and white striped iron skeleton structure; 25**	Range lights. Front light moved as necessary.
17300.1 *E 2444*	— — Front, 230 yards from rear. **U.**		**Qk. Fl. W** 60 fl. per min. Cp. 52	5	7	Black and white striped metal mounting with movable carriage; 7.	
	CHIOGGIA:						
17320 *E2450*	— **Forte San Felice Tower,** S. point of entrance. **U.**	45 14 12 17	**Gp. Fl. W. (2)** period 10^s fl. 3^s, ec. 1^s " 1^s, " 5^s Cp. 6,350	51	13	Grayish octagonal tower, and dwelling; 24.	**Radiobeacon.**
17330 *E 2454*	— Head of N. breakwater.		**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 15	28	5	Post on black cylindrical hut; 20.	
17340 *E 2464*	— Head of S. breakwater.		**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 22	28	5	Post on red cylindrical hut; 20.	**Nautophone:** 4 blasts every (Morse Code C) every 30^s.
17341 ***E2455***	— Root of N. breakwater.	45 14 12 18	**Gp. Fl. G. (2)** period 7^s fl. 1^s, ec. 1^s " 1^s, " 4^s		4	Black lamppost, white base; 23.	
17350 *E2460*	— Caroman Channel, NW. side.	45 15 12 16	**2 Fl. R** (Vert)	23	4	Framework structure on piles; 24.	
17370 ***E2456***	— San Domenico Channel, at health office.		**F. R**	25	6	Red iron structure on iron hut; 22.	
	PORTO DI MALAMOCCO:						
17380 *E 2474*	— **Rocchetta Mole,** inside of entrance.	45 20 12 19	**Gp. Fl. W. (3)** period 15^s fl. 1^s, ec. 1^s " 1^s, " 1^s " 1^s, " 8^s Cp. 8,400	82	15	White cylindrical tower; on dwelling; 76.	Reserve light visible 14 miles.

ITALY—NORTHEAST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PORTO DI MALAMOCCO:	N. E.					
17390 E 2470	— Head of S. Mole - - - U.	- - - - - -	**Fl. R** - - - - - - - - - - period 5^s fl. 1^s, ec. 4^s	52	8	Square concrete tower; 45.	
17400 E 2466	— Head of N. Mole - - - -	45 20 12 21	**Fl. G** - - - - - - - - - - period 5^s fl. 1^s, ec. 4^s	59	7	Dwelling - - - - - - - - - - - -	**Nautophone**: 2 blasts every 20^s.
17410 E 2472	— Head of Forte San Pietro Mole. U.	- - - - - - -	**Fl. R** - - - - - - - - - - period 3^s fl. 0.3^s, ec. 2.7^s	36	4	Red iron framework structure, concrete base; 36.	
	PORTO DI LIDO:						
17440	— *Approach Lighted Buoy*, about 2.3 miles 131° from NE. Breakwater light.	45 24 12 28	**Fl. W** - - - - - - - - - period 5^s fl. 1^s, ec. 4^s	11	7	Buoy, black and white bands.	
17450	— *Entrance Lighted Bell Buoy*, about 2,120 yards 113° 30′ from light on S. breakwater head.	45 25 12 27	**Fl. R** - - - - - - - - - - period 2^s fl. 0.5^s, ec. 1.5^s Cp. 38	9	6	Red cylindrical buoy, white stripes.	**Bell**: one stroke every 15^s.
17460 E 2480	— Head of NE. breakwater.	45 25 12 26	**Fl. W** - - - - - - - - - - period 3^s fl. 0.3^s, ec. 2.7^s Cp. 290	85	11	White and black checkered pagoda-like structure, two balconies, 82.	**Nautophone**: 2 blasts every 20^s (N. ▬●)
E 2482	- - - - - - - - - - - - - - - - - - - -	- - - - - - -	**Gp. Fl. G. (2)** - - period 8^s fl. 1.5^s, ec. 1^s " 1.5^s, " 4^s Cp. 85	48	8	Balcony of same structure.	
17470 E 2484	— Head of S. breakwater.	- - - - -	**Gp. Fl. R. (2)** - - - period 8^s fl. 1.5^s, ec. 1.0^s " 1.5^s, " 4.0^s	48	8	Octagonal tower, black and white stripes, 46.	**Radiobeacon:** 45°26′30″ N. 12°25′35″ E.
17480 E 2492	— Entrance Range, at inner bend of channel, front. U.	45 26 12 23	**Qk. Fl. W** - - - - - - 60 fl. per min.	55	13	Iron skeleton structure, concrete base, front side black and white bands.	Visible over an arc of 7°. A Fl. G. light is shown from the same structure. Range lights.
17480.1 E 2490	— — Rear, Isola de Murano, 3,460 yards 301° from front.	- - - - - - -	**Occ. W** - - - - - - - - period 6^s lt. 5^s, ec. 1^s	115	16	White circular stone tower, black bands, ◇ daymark with 4 black disks on upper gallery.	Reserve light visible 15 miles. A directional light shows an intensified beam along the range line.
17490 E 2486	— — Lighted beacon, 0.74 mile 315° from S. Breakwater Light.	45 25 12 26	**Fl. R** - - - - - - - - - - period 2^s fl. 0.5^s, ec. 1.5^s	- - - -	4	Beacon - - - - - - - - - - - - - -	**Nautophone**: 3 blasts every 20^s.
17500 E 2496	— Lighted beacon, 410 yards 80° from new semaphore station.	45 26 12 24	**Fl. R** - - - - - - - - - - period 3^s fl. 0.5^s, ec. 2.5^s	15	4	Concrete beacon - - - - - -	
	— Canale San Nicolo:						
17510 E 2494	— — N. side of channel, 475 yards, 324° from new semaphore station at San Nicolo di Lido.	45 26 12 23	**Fl. G** - - - - - - - - - - period 2^s fl. 0.5^s, ec. 1.5^s	10	4	Concrete Beacon; 10	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			ITALY—NORTHEAST COAST				
17520 *E 2498*	PORTO DI LIDO: — Canale San Nicolo: — — S. side of channel, 120 yards 302° from new semaphore station.	N. E.	**Fl. R.** period 2^s fl. 0.5^s, ec. 1.5^s	10	4	Concrete beacon; 10	**Bell:** sounds 1 stroke every 10^s.
17530 *E 2502*	— — S. side of channel, 955 yards 6° from San Lazzaro Church.		**Gp. Fl. R. (2)** period 7^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 4.5^s	18	7	Concrete framework structure.	
17560 *E 2504*	**Porto di Piave Vecchia,** W. bank of river.	45 29 12 35	**Gp. Fl. W. (4)** period 24^s fl. 0.2^s, ec. 3.8^s " 0.2^s, " 3.8^s " 0.2^s, " 3.8^s " 0.2^s, " 11.8^s Cp. 363,550	147	18	Black and white banded cylindrical tower; 157.	Reserve light F. W. 12 miles.
17570 *E 2506*	Porto di Cortellazzo, N. side near entrance.	45 32 12 44	**Fl. G.** period 5^s fl. 0.5^s, ec. 4.5^s	28	5	Black and white column; 26.	
17580 *E 2507*	Porto Santa Margherita.	45 35 12 52	**Fl. W.** period 5^s Cp. 68	31	7	Red iron support, concrete base; 18.	
17590 *E 2508*	Caorle, church of Madonna degli Angeli.	45 36 12 54	**Gp. Occ. W. (2)** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 1,280	41	12	Tower of church	
17600 *E 2512*	Porto di Falconera, E. side of entrance. **U.**	45 37 12 55	**Fl. G.** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	19	4	Iron structure on piles, white and black stripes; 20.	
17710 *E 2514*	— W. side of entrance. **U.**		**Fl. R.** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	19	5	White iron hut, red bands, surmounted by iron column; 19.	
17720 *E 2516*	Porto di Baseleghe	45 38 13 00	**Fl. W.** period 4^s fl. 1^s, ec. 3^s	28	7	Lamppost; 26	
17730 *E 2518*	**Punta del Tagliamento**	45 38 13 06	**Gp. Fl. W. (3)** period 10^s fl. 1^s, ec. 1^s " 1^s, " 1^s " 1^s. " 5^s Cp. 4,000	72	14	White cylindrical tower on dwelling; 69.	Reserve light visible 14 miles.
17740 *E 2520*	Porto Lignano, head of mole.	45 42 13 09	**Fl.—W. R.** period 2^s fl. 0.5^s, ec. 1.5^s	25	W. 10 R. 7	Red masonry tower, white lantern and base; 21.	W. 302°–322°, R.–302°. A F. W. fishing light is shown about 5 miles N. on the bridge at Marano.
17750 *E 2524*	PORTO BUSO: — E. side of entrance to Aussa River.	45 43 13 15	**Gp. Fl. W. (2)** period 7^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 4.5^s	19	9	Square hut, cupola; 19	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

ITALY—NORTHEAST COAST

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PORTO BUSO:	N. E.					
17751 *E2522*	— Beacon, about 1 mile 190° 15′ from Porto Buso Light.	------	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	19	5	Black lamppost, concrete base.	
17752 *E2522.1*	— Beacon, about 1 mile 185°15′ from Porto Buso Light.	------	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	19	5	Black lamppost, concrete base.	
17753 *E2553*	— Beacon, about 0.4 mile 172° from Porto Buso Light.	------	**Gp. Fl. G. (2)** period 4^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 0.7^s	19	3	Black lamppost, concrete base.	
	PORTO DI GRADO:						
17760	— *Entrance Lighted Buoy*, S. end of channel.	45 40 13 22	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	10	7	Red buoy	
17770 *E2526*	— SE. of Diga West	45 41 13 22	**Fl.—W. R** period 3^s fl. 1^s, ec. 2^s	16	W. 9 R. 7	Red iron beacon	R. 180°–23°, W.–28°, obscured elsewhere.
17780 *E 2528*	— Junction of Canali di San Pietro d'Orio and Grado.	------	**Gp. Fl. (2)— R. G.** period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s	16	R. 7 G. 6	White dolphin, red bands; 18.	R. over Canale di Grado, G. over Canale di San Pietro d'Orio.
17790 *E 2530*	— S. side of Grado Channel.	------	**Fl. G** period 3^s fl. 1^s, ec. 2^s Cp. 5	16	5	Black post on dolphin; 18.	Obscured 266°–48°.
17800 *E 2534*	— Head of pier, close W. of entrance to Grado Harbor Canal.	------	**2 F. R.** (vert.)	16	2	Red column	Obscured seaward.
17810	— Harbor entrance, W. side.	45 41 13 23	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	21	3	Black column; 16	
17820 *E 2536*	— W. side of Belvedere Canal.	------	**Fl.—W. R. G** period 3^s fl. 0.3^s, ec. 2.7^s	21	W. 7 R. 4 G. 3	Red and white column; 16.	R. 347°–88°, W.–101°, G.–180°., obscured elsewhere
17830 *E 2538*	**Banco Mula di Muggia,** near S. end of bank. **U.**	45 39 13 26	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 134	23	9	White iron framework structure on piles; 28.	
17840 *E 2540*	Punta Sobba, on E. side of shoal extending from the point. **U.**	45 43 13 34	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 22	23	5	Conical tower cylindrical base; 25.	Radar reflector.
	PORTO ROSEGA:						
17850 *E 2544*	— Range, head of channel, front.	45 47 13 33	**F. R** Cp. 343	65	11	White iron framework structure, black bands; 72.	Visible 45° each side of axis. Range lights.
17850.1 *E 2546*	— — Rear, head of NE. pier, 459 yards 339° from front.	------	**F. R** Cp. 343	111	11	White framework mast, black bands; 131.	Visible 11° each side of axis.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ITALY—NORTHEAST COAST						
	POSTO ROSEGA:	N. E.					
17860	— E. side of canal entrance.	-------	**Fl. G** ---------- period 5ˢ fl. 2ˢ, ec. 3ˢ. Cp. 42	19	6	Black and white banded lamp post	
17865	— Close E. of front range.	45 47 13 33	**Occ. G** --------- period 2ˢ lt. 1ˢ, ec. 1ˢ Cp. 37	19	6	Black and white banded lamppost.	**Nautophone:** 2 blasts every 33ˢ.
	TRIESTE						
17870 *E 2548*	Duino, head of mole ---	-------	**Gp. Fl. (2)—W. G.** period 10ˢ fl. 0.5ˢ, ec. 2.5ˢ " 0.5ˢ, " 6.5ˢ Cp. W. 100, G. under 100	18	W. 8 G. 5	Black iron column; 16_	W. 120°-60°, G.-120°.
17880 *E 2550*	Sistiana, head of W. mole.	45 46 13 37	**Fl. R** ---------- period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	21	4	Red iron structure with ladder; 16.	
17890 *E 2552*	— Head of E. breakwater.	-------	**Fl. G** ---------- period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	21	3	Black iron support; 16--	
17900 *E 2553*	Santa Croce, head of boat basin mole.	45 43 13 42	**Fl. W** --------- period 5ˢ fl. 0.5ˢ, ec. 4.5ˢ	18	3	Gray iron post; 16-----	
17910 *E 2654*	Valle Grignano, head of pier.	45 42 13 43	**Gp. Fl. R. (3)** --- period 10ˢ	19	2	Red iron post; 16------	
17920 ***E 2555***	Cedas, head of S. breakwater.	45 42 13 44	**Fl. G** ---------- period 5ˢ fl. 0.5ˢ, ec. 4.5ˢ	23	2	Black iron lamppost; 16	
	TRIESTE:						
17930 *E 2556*	— Barcola, head of mole.	45 41 13 46	**F. G** ----------- Cp. 50	20	3	Black iron lamppost; 13.	*Unreliable in SW. gales.*
17940 *E 2558*	— **Vittoria,** on Gretta Hill.	45 40 13 45	**Gp. Fl. W. (2)** -- period 10ˢ fl. 0.4ˢ, ec. 1.8ˢ " 0.4ˢ, " 7.4ˢ Cp. 486,000	378	26	White circular stone tower surmounted by a bronze figure; 223.	Signal and telegraph station.
	— Porto Vittorio Emanuele III:						
17950 *E 2568*	— — S. head of detached breakwater.	-------	**Fl. R** ---------- period 2ˢ fl. 0.3ˢ, ec. 1.7ˢ Cp. 19	23	4	Red column on concrete hut; 23.	
17960 *E 2572*	— — N. head of detached breakwater.	-------	**Fl. G** ---------- period 2ˢ fl. 0.3ˢ, ec. 1.7ˢ Cp. 19	21	4	Black column on concrete hut; 20.	
17970 *E 2570*	— — Detached breakwater, head of lateral arm.	-------	**Fl. G** ---------- period 2ˢ fl. 0.5ˢ, ec. 1.5ˢ Cp. 3	19	2	Black column on concrete hut; 18.	Obscured 220°-310°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
TRIESTE							
	TRIESTE:	N. E.					
17980 *E 2560*	— **Molo Fratelli Bandiera.**	45 39 13 46	**Fl. W** period 6^{s} fl. 0.4^{s}, ec. 5.6^{s} Cp. 21,700	110	16	Gray circular stone tower, black bands, gray cupola, 103.	**Radio direction—finder** (close NE). Signal station.
17990 *E 2564*	— Angle of Molo Fratelli Bandiera.	45 39 13 45	**Fl. G** period 5^{s} fl. 1^{s}, ec. 4^{s}	21	4	Black iron post; 18	Visible 44°–266°.
18000 *E 2565*	— — Head of Molo Fratelli Bandiera Breakwater.		**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	21	6	Gray iron column; 16	Visible 222°–190°.
18010 *E 2566*	— Molo Venezia, head		**F. R**	21	3	Wooden post; 18	
18020 *E 2567*	— Molo Sartorio, on corners.		**2 F. R**	13	1	Red iron posts; 12	Visible only to seaward.
	— Emanuele Filiberto Duca d'Aosta Basin:						
18030 *E 2576*	— — N. end of N. detached breakwater. U.	45 39 13 45	**Gp. Fl. G. (2)** period 6^{s} fl. 0.3^{s}, ec. 1.2^{s} " 0.3^{s}, " 4.2^{s} Cp. 30	26	6	Black iron support, tank; 25.	**Nautophone:** 1 blast every 15^{s}.
18040 *E 2578*	— — S. end of N. detached breakwater. U.		**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. 13	21	4	Red iron column, concrete base; 18.	
18050 *E 2574*	— — Molo 5, NW. corner.		**Fl. R** period 1.5^{s} fl. 0.3^{s}, ec. 1.2^{s} Cp. 8	23	3	Red iron lamppost; 13	Visible 350°–260°.
18060 *E 2575*	— — Molo 5, SW. corner.		**Fl. R** period 1.5^{s} fl. 0.3^{s}, ec. 1.2^{s}	23	3	Red iron post; 16	Visible 260°–170°.
18070 *E 2580*	— — N. end of middle detached breakwater. U.		**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. 8	31	3	Black framework structure, tank; 26.	
18080 *E 2582*	— — S. end of middle detached breakwater. U.		**Occ. R** period 3^{s} lt. 2^{s}, ec. 1^{s} Cp. under 100	31	4	Red framework structure, tank; 25.	Visible 198°–148°.
18090 *E 2586*	— Diga Luigi Rizzo, N. end. U.		**Occ. G** period 3^{s} lt. 2^{s}, ec. 1^{s} Cp. under 100	21	3	Black iron column, concrete base; 17.	Visible 18°–328°.
19000 *E 2588*	— — S. end	45 37 13 44	**Gp. Fl. R. (3)** period 10^{s} fl. 0.3^{s}, ec. 1.8^{s} " 0.3^{s}, " 1.8^{s} " 0.3^{s}, " 5.5^{s} Cp. 24	30	5	Gray iron framework structure on tank; 25.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

TRIESTE

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TRIESTE:	N. E.					
19010 *E 2590*	— Lloyds Arsenal, head of mole.	-------	**F. R** Cp. 4	30	3	Iron framework structure.	Locally maintained.
19020 *E 2592*	— Cantiere San Marco, head of mole.	45 38 13 46	**F. G**	19	3	Black iron column concrete base; 15.	
19030	— Molo Dei Legnami	45 38 13 46	**Occ. R** period 3^s lt. 1.5^s, ec. 1.5^s	20	4	Red iron support; 16	
19038	— Servola, 0.5 mile 338° from Santa Sabba light.	-------	**F. R**	----	3	----------------------	
19039	— — 0.79 mile 331°30′ from Santa Sabba light.	-------	**F. R**	----	3	----------------------	
	BAIA DI MUGGIA:						
19040 *E 2596*	— Santa Sabba, head mole.	45 37 13 47	**Fl. R** period 5^s	20	5	Red iron column with ladder; 16.	*Unreliable in NE. gales.*
19042	— — About 0.6 mile 135°30′ from Santa Sabba Mole Light.	45 37 13 47	**F. R**	20	2	Red and white banded post; 15.	
19043	— — 0.67 mile 132°30′ from Santa Sabba Mole Light.	-------	**F. G**	20	2	Black and white banded post; 15.	
19050 *E 2598*	— Muggia, head of E. mole.	45 36 13 46	**Gp. Fl. R. (2)** period 10^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 6.5^s Cp. under 100	21	7	White cylindrical concrete hut; 18.	
19060 *E 2600*	— — Head of W. mole	-------	**Gp. Fl. G. (2)** period 10^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 6.5^s Cp. under 100	21	5	Black iron column; 16	
19070 *E 2606*	Lazzaretto, NW. angle of quay at quarantine station.	45 36 13 43	**F.—R. G**	21	3	Black iron lamppost; 18	G. 65°–130°, R.–65°.
	BAIA DI CAPODISTRIA:						
19080	— *Punta Grossa Lighted Buoy*, N. entrance to bay.	45 35 13 42	**Fl. W** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 30	10	7	White cylindrical buoy	
19090 *E 2608*	— Valdoltra, head of mole.	45 35 13 43	**Fl. R** period 3^s	20	5	Red iron column; 16	
20000 *E 2610*	— Ancarano, head of mole.	45 34 13 44	**F.G**	15	3	Red iron post; 13	

TRIESTE

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BAIA DI CAPODISTRIA: — Kopar:	N. E.					
20010 *E 2614*	— — Head of Galera mole.	45 33 13 43	**Gp. Fl. R. (2)** period 10^{s} fl. 0.5^{s}, ec. 2.5^{s} " 0.5^{s}, " 6.5^{s} Cp. under 100	23	7	Red iron column; 17	
20020 *E 2612*	— — Head of Littorio Mole.		**Fl. G** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	20	4	Black iron column; 19	Obscured in N. part of port.
	— Isola d'Istria:						
20030 *E 2618*	— — Punta Gallo	45 32 13 39	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 130	23	9	White iron support with ladder; 20.	
20040 *E 2620*	— — Head of mole		**Fl. R** period 3^{s} fl. 1^{s}, ec. 2^{s} Cp. under 100	20	5	Red iron column; 16	*Unreliable during NE. gales.*
20050 *E 2622*	— — Head S. mole		**Gp. Fl. R. (2)** period 10^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 7^{s}	17	5	Red tower; 17	
	BAIA DI PIRANO: — Porto di Pirano:						
20060 *E 2624*	— — **Punta Madonna**, N. entrance to bay.	45 32 13 34	**Gp. Fl. W. (2)** period 15^{s} fl. 3^{s}, ec. 2^{s} " 3^{s}, " 7^{s} Cp. 4,000	33	11	Gray octagonal house; 10.	Visible 351°–253°. **Siren**: 2 blasts every 15^{s}.
20070 *E 2630*	— — Near head of mole, S. side of entrance.		**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s}	21	4	Brick tower; 25	
20080 *E 2628*	— — Head of mole, N. side of entrance.		**Occ. R** period 4^{s} lt. 2^{s}, ec. 2^{s}	21	4	Brick tower; 25	
	— Porto di Portorose:						
20090 *E 2632*	— — Punta San Bernardino, head of mole.	45 31 13 34	**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 24	27	5	Cylindrical iron tower; 26.	
20100 *E 2634*	— — Head of mole		**Fl. R** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	23	6	White iron lamppost with ladder; 18.	
20120 *E 2642*	**Capo Salvore**, Punta Lanterna.	45 29 13 30	**Gp. Fl. W. (3)** period 15^{s} fl. 0.5^{s}, ec. 3.2^{s} " 0.5^{s}, " 3.3^{s} " 0.5^{s}, " 7.0^{s} Cp. 150,000	119	17	White cylindrical masonry tower, gray cupola; 95.	Visible over an arc of 245°. Signal and telegraph station.
	PORTO DI UMAGO:						
20130 *E 2644*	— **Secca Pegolotta**, N approach to Umago. **U.**	45 26 13 30	**Fl.—W. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. W. 300, R. 50	35	W. 11 R. 7	Red iron framework on white cylindrical stone beacon; 38.	W. 347°–165°, R.–347°.
20140 *E 2646*	— Head of mole	45 26 13 31	**Fl. G** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	26	8	Post on red tower; 16	Visible 0°–315°.

TRIESTE

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PORTO DI UMAGO:	N. E.					
20150 *E2648.2*	— Range, front		**F. R**	36	6	Roof of Karminati building.	Range lights.
20150.1 *E2648.4*	— — Rear, about 490 yards 59° from front.		**F. R**	72	6	Roof of house at Palestina.	
20155 *E2648*	— Head of inner mole, near health office.		**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	26	6	Red iron tower; 24	
20160 *E 2652*	Daila, head of mole	45 22 13 33	**F. R** Cp. 8	20	3	Red iron column; 18	
	PORTO DI CITTANUOVA (NOVIGRAD):						
20170 *E 2654*	— Head of breakwater	45 19 13 33	**Fl. — W. R. G.** period 5^s fl. 2^s, ec. 3^s Cp. W. 300, G. under 100	25	W. 10 R. 7 G. 6	White octagonal tower	G. 117°–3°, W.–25°, R.–58°, W.–117°.
20190	— Head of boat harbor mole.		**F. G** Cp. 5	17	3	Black iron lamppost; 15.	

YUGOSLAVIA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
20200 *E 2658*	**Rt Zub,** on Punta del Dente.	45 18 13 34	**Gp. Fl. (4) — W. R.** period 15^s fl. 0.5^s, ec. 1.5^s “ 0.5^s, “ 1.5^s “ 0.5^s, “ 1.5^s “ 0.5^s, “ 8.5^s Cp. W. 500, R. under 100	36	W. 11 R. 8	Window of keepers dwelling, 22.	R. 325°–18°, W.–325°. **Siren:** 1 blast every 2 minutes.
	POREČ (PORTO DI PARENZO):						
20210 *E 2662*	— **Scoglio Barbaran,** N. entrance to port.	45 14 13 35	**Fl. — W. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 288	30	10	Red pyramidal iron tower, black bands, masonry base; 27.	R. 11°–62°, W.–153°, R.–308°, W. elsewhere.
20220 *E 2666*	— Sveti Nikola (San Nicola) Island, head of mole.		**Fl. G** period 5^s fl. 1^s, ec. 4^s Cp. under 100	23	5	Cylindrical masonry hut, black cupola; 20.	Visible 74°–23°.
20230 *E 2664*	— SE. end of Riviera Quay. **U.**		**F. R** Cp. 5	18	4	Red post; 15	
20232 *E2665*	— Head of mole		**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	22	3	White cylindrical concrete tower; 18.	
20240 *E 2672*	Visoki (Altese Islet)	45 12 13 34	**Gp. Fl. W. (2)** period 7^s fl. 0.5^s, ec. 2^s “ 0.5^s, “ 4^s	29	10	White iron structure, red bands, tank; 20.	

No.	Name and location	Position, lat. long. ° '	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			YUGOSLAVIA				
		N. E.					
20250 *E 2670*	Pličina Marmi, about 1.3 miles W. of Orsera. **U.**	45 09 13 34	**Gp. Fl. R.** (2) period 8^{s} fl. 0.5^{s}, ec. 2.0^{s} " 0.5^{s}, " 5.0^{s}	39	7	Red iron tower, white band, on concrete beacon; 42.	
20260 *E 2674*	Galiner Otočić (Galiner Islet).	45 09 13 36	**Fl. W** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s} Cp. 200	67	10	Red iron skeleton structure, tank; 33.	Vis. 185°-25°, obsc.-49°, vis.-64°, obsc.-99°, vis.-116°, obsc. elsewhere.
20262 *E 2676*	— Vrsar, head of mole	45 09 13 36	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	21	4	Red cylindrical tower with post; 18.	
	ROVINJ (ROVIGNO):						
20270 *E 2680*	— Rt. Sveti Eufemija (Punto Sant Eufemia). **U.**	45 05 13 38	**Gp. Fl. W.** (3) period 20^{s} fl. 2^{s}, ec. 2^{s} " 2^{s}, " 2^{s} " 2^{s}, " 10^{s} Cp. 300	62	11	White square masonry tower; 25.	
20280 *E 2684*	—Head of Nazario Sauro Mole. **U.**		**F. — W. R.** Cp. 8	21	4	Red iron column; 17	W. towards mole, R. elsewhere.
20290 *E 2686*	— Head of Vittorio Emanuele III mole.		**F. G.** Cp. 5	14	3	White iron lamppost; 14.	
20300 *E 2682*	— Valdibora, on quay		**Fl. G.** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. under 100	23	3	Black iron lamppost; 20.	
20310 *E 2690*	Sv. Ivan na Pučini, on summit.	45 03 13 37	**Gp. Fl. W.** (2) period 10^{s} fl. 0.5^{s}, ec. 2.5^{s} " 0.5^{s}, " 6.5^{s}	75	14	White octagonal tower; 49.	Telephone. Distress signals.
	FASANA:						
20320 *E 2714*	— Head of S. mole	44 56 13 48	**Fl. W** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s} Cp. under 100	22	10	Black iron lamppost; 18.	
20330 *E 2712*	— Head of N. mole		**Fl. R** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	22	5	Red iron lamppost; 18	
	BRIONI ISLANDS:						
20340 *E 2692*	— Greven Cibul (Secca Cabula), N. side of Brioni Islands **U.**	44 57 13 43	**Fl. G** period 8.0^{s} fl. 1.5^{s}, ec. 6.5^{s} Cp. 105	21	9	Cylindrical tower	
20350 *E 2696*	— Rt. (Punta) Saluga, off NE. side of Scoglio Grande. **U.**	44 55 13 47	**Gp. Fl.** (2) — **W. R.** period 7^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 4.5^{s} Cp. W. 200, R. 600	26	10	Iron post on concrete tower, black and white bands; 28.	R. 130°-142°, W.-130°.
20360 *E 2694*	— Brioni, N. head of mole.	44 55 13 46	**Fl. G** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	20	4	Black iron column; 19	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	BRIONI ISLANDS:	N. E.					
20370	— *Rancon Shoal Lighted Buoy*, off E. point of Scoglio Grande.	44 54 13 47	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	10	6	Cylindrical buoy, red and white bands.	
20380 *E 2700*	— Pličina Kožala (Secca Cosada), E. of Rancon Shoal.	44 54 13 48	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 39	22	6	White concrete tower; 24.	
	SVETI JEROLIM (ISOLOTTO SAN GIROLAMO):						
20400 *E 2706*	— W. point of island	44 54 13 47	**Fl. W** period 2^s fl. 0.3^s, ec. 1.7^s	34	8	Black iron framework structure; 23.	Visible 349°–221°.
20410 *E2710*	— **Rt Pinida (Peneda)**, S. point of island.	44 53 13 45	**Fl. W** period 5^s fl. 0.7^s, ec. 4.3^s Cp. 18,000	66	13	Square tower, dwelling attached; 49.	Visible 238°–114°. Within 3 miles a faint light is visible beyond these bearings, 8° on each side. Every 3 hours the apparatus is stopped for 2 or 3 min. for the purpose of trimming the lamp. Several electric lights, one of them from a high pole, are exhibited in the vicinity of the lighthouse. **Siren:** 1 blast every 120^s.
	PULA (POLA):						
20420 *E2718*	— Rt. Kristo, NE. side of entrance.	44 53 13 48	**Fl. R** period 2.5^s fl. 1^s, ec. 1.5^s Cp. under 100	31	5	Red iron post on cylindrical hut; 18.	Signal station.
20430 *E2720*	— Head of Rt. Kumpare Breakwater.	44 53 13 47	**Fl. G** period 2.5^s fl. 1^s, ec. 1.5^s Cp. under 100	30	6	White column on cylindrical hut; 15.	
	— Katarina-Andrea Island passage.						
20440	— — Sveta Katarina Island, SE. shore, NW. side.	44 52 13 50	**Occ. R** period 2^s lt. 1^s, ec. 1^s	20	6	Red cylindrical iron tower; 16.	
20450	— — S. shore, NW. side passage.	-------	**Occ. R** period 2^s lt. 1^s, ec. 1^s	20	6	Red cylindrical iron tower; 16.	
20460	— — Sveti Andrea Island, SE. side of channel.	-------	**Occ. G** period 2^s lt. 1^s, ec. 1^s	20	6	White cylindrical iron tower; 16.	
20470	— — N. shore, SE. side of channel.	44 52 13 50	**Occ. G** period 2^s lt. 1^s, ec. 1^s	20	6	White cylindrical iron tower; 16.	
20480 *E 2722*	— — Isolotto San Andrea. **U.**	-------	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. under 100	17	6	Red iron column on hut; 17.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	PULA (POLA):	N. E.					
20490 *E 2724*	— Sveta Petar (Isolotto San Pietro), N. point.	44 52 13 50	2 F. R. (vert.) Cp. 89	75 65	6	Iron post on building; 62.	
20500 *E 2728*	— Rijeka Mole, N. of health office.	-------	Fl. R period 5^s fl. 0.5^s, ec. 4.5^s	23	6	Red iron column on red cylindrical hut; 20.	Occ. R. lights are shown from the radio masts in San Pietro Bay.
20505 *E 2730*	— Istra Mole, about 300 yards 203° from Rijeka Mole Light.	-------	F. R period 2^s fl. 0.3^s, ec. 1.7^s	26	6	Red iron structure; 24	
20510 *E 2732*	— Scoglio Olivi, NE. of Arsenal.	-------	Fl. G period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	19	6	Concrete hut; 17	
20520 *E 2734*	Rt. Verudica (Punta Verudella), N. side of entrance to Veruda Harbor.	44 50 13 50	Fl. R period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	34	6	Turret on corner of white house; 26.	
20530 *E 2738*	**Porer,** 1 mile SW. of Rt. Porer.	44 45 13 53	**Gp. Fl. W. (3)** period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s Cp. 37,000	115	16	White cylindrical tower on dwelling; 102.	Visible 255°–147°. Distress signals.
	GREAT QUARNERO CHANNEL:						
20540 *E 2742*	— **Pličina Albanež (Secca Pericolosa).**	44 44 13 54	**Gp. Fl. (2) — W. R.** period 6^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 4.2^s Cp. W. 1,030, R. 206	48	W. 12 R. 11	White concrete cylindrical tower; 61.	R. 172°–227°, W.–172°.
20550 *E 2740*	— On Terrace, near semaphore.	-------	**F.—W. R. G.** Cp. W. 3,500, R. 700, G. 400	39	11	Dwelling house; 21	W. 258°–326°, R.–352° over Sunk Rock, G.–163°, obsc. elsewhere. *Lighted when Pličina Albanež is extinguished.*
20560 *E 2748*	— Rt. (Punta) Munat, Medolino Bay.	44 48 13 55	**Fl. —W. R** period 2^s fl. 0.5^s, ec. 1.5^s	29	W. 10 R. 8	Red iron lamppost with ladder; 20.	W. 312°–327°, R.–312°.
20570 *E 2750*	— **Rt. Merlera (Punta Merlera).**	44 48 14 00	**Fl. W** period 9^s Cp. 2,800	69	14	Square tower on side of dwelling; 31.	Visible 186°–38°. **Siren:** 3 blasts every 120^s.
	— Arsa Channel:						
20580 *E 2768*	— — Ubac (Ubas) Point, S. entrance to channel.	44 57 14 04	**Fl. W** period 4^s fl. 1^s, ec. 3^s	52	12	White iron tower; 15	Visible 270°–184°.
20590 *E 2769*	— — Mulaz Point	44 57 14 03	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	68	8	Black cylindrical iron tower; 26.	
20600 *E 2770*	— — Kucica (Cucizza) Point.	44 58 14 04	**Fl. G** period 5^s fl. 1^s, ec. 4^s	26	6	Black iron column on black iron tower; 18.	

YUGOSLAVIA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREAT QUARNERO CHANNEL:	N. E.					
	— Arsa Channel:						
20610 *E 2772*	— — Rt. Sveta Nikola (Punta San Nicolo). **U.**	44 59 14 05	**Gp. Fl. R. (3)** period 10^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 1.5^{s} " 0.5^{s}, " 5.5^{s} Cp. under 100	31	4	Red concrete hut; 21	
20620 *E 2773*	— — Uvala Tunarica, N. side of E. part.	44 58 14 06	**Fl. R** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	21	5	Red iron tower with post; 17.	
	— Arsa Channel:						
20630 *E 2774*	— — Prescarica (Praschiavizza) Point.	45 00 14 04	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. under 100	26	8	Red iron column, tank; 18.	
20640 *E 2776*	— — Punta Frumento	45 00 14 03	**Fl. G** period 5^{s} fl. 1^{s}, ec. 4^{s} Cp. under 100	31	6	Octagonal concrete hut; 21.	
20650 *E 2780*	— — Trageta (Traghetto), on point W. of town.	45 01 14 03	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. under 100	21	4	Black iron post; 15	
20660 *E 2782*	— Rt. Crna (Nera Point), W. side of Great Channel.	44 57 14 09	**Gp. Fl. W. (2)** period 10^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 7^{s}	49	12	SE. angle of white dwelling; 23.	Visible 245°–104°. **Siren:** 1 blast every 120^{s}.
	— Rabac:						
20670 *E2794*	— — St. Andrija	45 04 14 10	**Fl. W** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	36	8	White iron post; 18	Visible 227°–106°.
20673 *E 2798*	— — Head of mole	45 05 14 09	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	20	4	White iron post; 18	
20680 *E 2800*	— Plomin (Fianona), head of mole.	45 08 14 11	**Fl. G** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	18	3	Black iron lamppost; 18	Not visible in Faracina Channel. *Unreliable in NE gales.*
20690 *E2744*	— **Galiola Islet,** center of islet, S. entrance to Great Channel.	44 44 14 11	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 1,000	67	14	Octagonal stone tower; 62.	
20695	—Rt Lakunji, N. point of island.	44 41 14 17	**Gp. Fl. W.(4)** period 15^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 1.5^{s} " 0 5^{s}, " 1.5^{s} " 0.5^{s}, " 8.5^{s}	26	10	White iron tower with post.	
20700 *E2760*	— Zečevo (Levrera) Islet, on W. side. **U.**	44 46 14 18	**Gp. Fl W. (2)** period 10^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 7.5^{s}	37	11	White conical iron tower, red stripes; 25.	
20710 *E2758*	— Bijar (vier)	44 42 14 24	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	26	7	Red iron tower with post; 16.	Obsc. 106°–116°.

YUGOSLAVIA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	KVARNERIC: — Crez Island:	N. E.					
20720 *E 2762*	— — Sveta Martin (San Martino), W. side of island, head of mole.	44 49 14 21	**F. R.** Cp. 8	18	3	Red iron lamppost; 16.	Visible 315°– 14°. *Not lighted in northerly gales.*
20730 *E 2764*	— — Zaglav Rock, off W. side of island.	44 55 14 17	**Gp. Fl. W.** (3) period 7^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 4.1^s Cp. 800	65	13	Square tower on dwelling; 49.	
20740 *E 2784*	— — Rt Kovacine head of mole, N. side of entrance.	44 58 14 23	**Gp. Fl. W.** (2) period 7^s fl. 0.5^s, ec. 2^s " 0.5^s, " 4^s	25	10	Red iron support on hut; 20.	Visible 297°–185°. **Siren:** 3 blasts every 120^s.
20750 *E 2792*	— — — Križice Point, Santo Anselmo.	44 57 14 24	**Fl. G.** period 3^s fl. 0.3^s, ec. 2.7^s	29	4	White octagonal concrete tower; 21.	
20760 *E 2788*	— — — Mlinski Kamen (Molino Point).	-------	**Fl. R.** period 3^s fl. 0.5^s, ec. 2.5^s Cp. under 100	23	5	Red iron lamppost; 16.	
20770 *E 2790*	— — — Head of new mole.	-------	**Fl. G.** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	21	5	White iron lamppost; 16.	
20780 *E 2802*	— — Prestenice Point, NW. side of island.	45 07 14 16	**Fl. W.** period 10^s fl. 2^s, ec. 8^s Cp. 1,000	56	13	Two-story dwelling, red roof, cupola; 47.	Visible 350°–205°. Telephone. **Siren:** 2 blasts every 60^s.
20790	— — Porezina (Faresina), head of mole.	45 08 14 17	**F. R.** Cp. 8	19	3	Red iron lamppost; 16.	
20800 *E 2864*	— — Beli NE. side of Crez Island, head of mole.	45 06 14 21	**F. R.** Cp.8	20	5	Red iron lamppost; 18.	*Unreliable during SE. gales*
20810 *E 2873*	— — Rt Tarej	44 57 14 29	**Fl. R.** period 5^s fl. 1^s, ec. 4^s	26	8	Red cylindrical tower, concrete base; 27.	
	GULF OF ZALIV:						
20820 *E 2804*	— Moscenice (St. Marina), SE. corner of mole.	45 14 14 15	**F. G.** Cp. 5	20	3	Black iron lamppost; 16.	
20840 *E 2810*	— Lovran head of S. mole.	-------	**Fl. G.** period 2^s fl. 0.3^s, ec. 1.7^s Cp. under 100	23	4	Post on white tower	
20850 *E 2812*	— Ika, N. head of mole.	45 18 14 17	**Fl. R.** period 5^s fl. 0.5^s, ec. 4.5^s	23	4	Red iron column; 19.	
20860 *E 2816*	— Opatija, head of mole.	45 20 14 19	**Fl. R.** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 100	25	9	Red iron column on cylindrical hut; 22.	Visible 137°–354°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	GULF OF ZALIV:	N. E.					
20870 *E2818*	— Volosko, head of mole.	45 21 14 19	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s Cp. under 100	21	6	Black iron tower; 18	
20880 *E2820*	— — Head of N. mole	45 21 14 19	**Fl. G** period 3^s fl. 0.5^s, ec. 2.5^s Cp. under 100	21	6	Red iron column; 15	
20890 *E2822*	— — **Rijecka,** 0.25 mile 005° from head of breakwater.	45 20 14 25	**Fl. W** period 10^s fl. 0.6^s, ec. 9.4^s Cp 45,000	128	17	White hexagonal tower on black and white banded dwelling.	Reserve light visible 13 miles.
20900 *E 2824*	— — Head of Generala Petra Drapsina Breakwater.	45 20 14 25	**Gp. Fl. G. (3)** period 5^s fl. 0.5^s, ec. 0.5^s " 0.5^s, " 0.5^s " 0.5^s, " 2.5^s	50	7	Iron framework structure on concrete turret; 48.	Reserve light will show F. R.
20910 *E 2828*	— — Head of Lole Ribara Mole.	------	**Gp. Fl. R. (3)** period 5^s fl. 0.5^s, ec. 0.5^s " 0.5^s, " 0.5^s " 0.5^s, " 2.5^s	30	8	Column on iron tower; 23.	F. R. lights are shown from the NW., NE. corners, and F. W. from middle of the floating drydock near root of main breakwater.
	— Susak (Port Baross)						
20950 *E 2838*	— — Outer arm of Great Kralja Alexandra I. mole.	45 19 14 26	**F. G** Cp. 1,100	18	2	Iron column; 11	
20960 *E 2842*	— — Head of mole, S. side of entrance.	------	**Fl. G** period 2^s	28	5	White square iron tower, white base; 24.	
20970 *E 2840*	— — Head of mole, N. side of entrance.	------	**Fl. R** period 2^s	28	7	Red square iron tower red base; 24.	
21000 *E 2754*	Unije Island, Port Unije, head of mole.	44 38 14 15	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	16	7	**Red** iron tower	Visible 93°–146°.
21010 *E2752*	— Rt .Ynetak	44 37 14 14	**Gp. Fl. (3)—W. R.** period 10^s fl. 0.3^s, ec. 1^s " 0.3^s, " 1^s " 0.3^s, " 7.1^s	56	W.12 R. 8	White cylindrieal tower above house; 43.	W. 270°–158°, R.–176°.
21020 *E 3036*	**Susak (Isola Sansego),** summit of Mount Garbe.	44 31 14 18	**Fl. W** period 30^s fl. 1^s, ec. 29^s Cp. 26,000	328	23	Turret on square two-storied dwelling; 40.	Obscured 152°–163°, and in plaees by Netak Point and Lussin Island.
21030 *E 3038*	— Dragazoul Cove, E. side of island, head of mole.	44 31 14 19	**F. G** Cp. 5	19	3	Black iron post masonry base; 16.	
21040 *E 3034*	Hrid Silo (Silo Rock) U.	44 34 14 21	**Fl. R** period 5^s fl. 1^s, ec. 4^s Cp. 194	36	10	Hexagonal masonry tower; 33.	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
21050 *E 3042*	SW. side of Sv. Petar Ilovik Islet.	44 28 14 33	**Fl. W** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	22	10	White iron tower; 16	Visible 115°–128°, 285°–320°.
	LOSINJ (LUSSIN) ISLAND:						
21058 *E 3032*	— Rt. Kurila	44 33 14 22	**Fl. W** period 4ˢ fl. 1ˢ, ec. 3ˢ	34	11	Octogonal stone tower; 26.	
21060 *E 3022*	— Mali Losinj (Mortar Islet), W. side.	44 33 14 25	**Occ. W** period 4ˢ lt. 2ˢ, ec. 2ˢ	32	11	Octagonal tower, house; 29.	Siren: 1 blast every 120ˢ.
	— Porto di Lussinpiccolo:						
21070 *E 3024*	— — Koludarz Island, Kruž (Sta. Croce) Point, S. side of entrance.	44 33 14 26	**Fl. G** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ Cp. 10	33	3	Gray octagonal masonry tower; 28.	
21080 *E 3026*	— — Punta Torunza, N. side of entrance.		**Fl.—W. R** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ Cp. W. 65, R. 13	32	W. 6 R. 4	Gray octagonal concrete hut; 23.	W. 65°–72°, R.–65°.
21090 *E 3028*	— — Punta Poljana		**Fl. R** period 6ˢ fl. 2ˢ, ec. 4ˢ	31	7	Red iron framework structure on gray hut; 27.	Visible 313°–133°.
21100	— — Each head of quay, E. side of port.		**2 F. R** Cp. 8	18	3	Red iron lampposts; 15	
21120 *E 3016*	— Point Capellata, E. side of island.	44 31 14 30	**F. R** Cp. 22	34	5	Red iron lamppost, masonry base; 18.	
21130 *E 3014*	— Sveta Martin (St. Martino), head of mole.	44 32 14 29	**F. R** Cp. 8	18	3	Red iron lamppost; 17	
21140 *E 3012*	— Nerezine (Neresine), E. side of island, head of mole.	44 40 14 24	**F. R** Cp. 8	18	3	Red iron lamppost; 16	
21160 *E 3006*	Rt Sika (Punta Secca), S. extremity of Cherso Island.	44 36 14 30	**Fl.—W. R** period 5ˢ fl. 0.5ˢ, ec. 4.5ˢ Cp. W. 200, R. 34	21	W. 9 R. 6	Square concrete hut; 18	R. 285°–319°, W.–285°.
21170 *E3004*	Jadresnica (Sv. Andrija), S. end of Cherso Island.	44 37 14 30	**F. G** Cp. 8	16	3	Red iron lamppost; 15	
21180 *E 3002*	Trstenik (Isola Trestenico) (Terstenik), summit.	44 40 14 35	**Occ.—W. R** period 5ˢ lt. 3ˢ, ec. 2ˢ Cp. W. 600, R. 100	87	W.15 R.12	Masonry tower, dwelling; 58.	W. 42°–346°, R.–18°, W.–32°, obscured elsewhere.
21190 *E 2850*	Urinj, head of mole	45 17 14 31	**Fl. R** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	21	5	Red iron post; 16	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			YUGOSLAVIA				
	BUCCARI (BAKAR) BAY:						
21200 *E 2852*	— Rt Oštro (Ostro Point), S. side of entrance to bay.	45 16 14 34	**Occ. W** period 8^s lt. 4^s, ec. 4^s	50	12	White cylindrical tower, red bands, on dwelling; 46.	*Provisional shows* F. W., *visible 8 mi.* **Siren:** 1 blast every 120^s.
21210 *E 2854*	— Kraljevica (Porto Re) W. corner of landing pier.		**F. G**	18	3	Iron column; 14	*Unreliable during NE. gales.*
21220 *E 2854*	— — N. corner of landing pier.		**F. R**	18	3	Iron lamppost; 14	*Unreliable during NE. gales.*
21230 *E 2856*	— Rt Kavranic (Gavranic Point), S. side of bay. **U.**	45 17 14 34	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s	49	12	Red cylindrical iron tower; 16.	
21240 *E 2860*	— Bakar (Buccari), on quay of health office, N. side of harbor. **U.**	45 18 14 32	**F. G**	13	3	Iron lamppost; 8	
21250 *E 2862*	— Bakarac (Buccarizza), head of mole.		**F. R**	16	3	Iron column; 13	
	MALTEMPO CHANNEL:						
21260 *E 2890*	Sv. Marko Island at N. entrance to channel. **U.**	45. 15 14 34	**Gp. Fl. W.** (2) period 10^s fl. 2^s, ec. 1^s " 2^s, " 5^s	49	9	Red conical iron tower, masonry base; 25.	Visible 123°–9°.
21270 *E 2892*	— Rt Dubno, in N. entrance to channel.	45 15 14 34	**Fl. G** period 3^s fl. 1^s, ec. 2^s	79	3	Iron structure on dwelling; 20.	
21280 *E 2894*	— Rt Vošćica, N. side of Veglia (Krk) Island.	45 14 14 35	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	39	8	Masonry tower on dwelling; 34.	Visible 106°–346°.
21282	**— Jadranovo**		**F. R**	**18**	**3**	**Iron post; 12**	
21290 *E 2897*	— Rt Turnac, W. side, S. entrance to Tihi Kanal.	45 13 14 36	**Fl. R** period 5^s fl. 1.5^s, ec. 4.5^s	29	8	White octagonal concrete tower; 21.	
21300 ***E 2896***	**— Rt (Point) Ertak, E. side channel.**	**45 13** **14 37**	**Fl. G** **period 2^s** **fl. 0.5^s, ec. 1.5^s**	**29**	**3**	**Iron column on dwelling; 20.**	**Visible over an arc of 240°.**
	KRALJEVICKA CHANNEL:						
21310 *E 2904*	— Crikvenica, head of S. mole, E. side of channel.	45 10 14 41	**Fl. G** period 2^s fl. 0.3^s, ec. 1.7^s	26	5	White iron tower, post; 24.	
21320 *E2900*	— Soline, S. side of entrance to Dobrinjski Zaliv.	45 10 14 38	**Gp. Fl. R.** (2) period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s	31	8	Octagonal masonry tower; 21.	Visible 81°–256°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	KRALJEVICKA CHANNEL:	N. E.					
21322	Crni Rock, about 0.35 mile 260° 30′ from Soline Light.		Fl. R period 2^{s}	14	6	Quadrangular masonry tower; 11.	
21330	— — Klimns Harbor	45 09 14 37	F. R	16			
21340 *E 2902*	— Stipanja, on breakwater in Silo.	45 09 14 40	F. G	19	3	Iron column; 15	*Unreliable during NE. gales.*
21345 *E 2903*	— — Rt Silo, about 35 yards SE. of point.		Gp. Fl. W. (2) period 6^{s} fl. 0.3^{s}, ec. 1.2^{s} " 0.3^{s}, " 4.2^{s}	46	12	White octagonal tower; 30.	
	PLANINSKI CHANNEL:						
21350 *E 2908*	— Selce, head of landing pier. U.		F. G	14	2	Iron column, stone base; 13.	
21360 *E 2910*	— Rt Tokal (Tokal Point). U.	45 08 14 45	Fl. W period 6^{s} fl. 1^{s}, ec. 5^{s} Cp. 300	65	12	White octagonal masonry tower; 23.	
21370 *E 2912*	— Novi, head of S. mole.	45 08 14 47	Fl. W period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	26	7	Iron tower; 13	
21380 *E 2914*	— — Head of inner mole.		F. G	16	3	Iron column; 11	Visible 334°–154°.
21390 *E2918*	— Vrbuik, head of mole E. side of Veglia (Krk) Island.	45 06 14 41	Fl. R period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	16	5	Red iron post; 15	
21392	— — Sv. Anton Hrid, on SW. point, about 2.27 miles 130° from O, Sv. Martin Church.	45 06 14 50	Fl. G period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	28	5	White stone tower; 13	
21400 *E 2920*	— Zengg (Senj), head of Sveti Ambroza Mole.	44 59 14 54	Fl. R period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	33	10	Octagonal masonry tower.	
21410 *E 2922*	— — Maria Art Mole		Gp. Fl. W. (3) period 7^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 1.0^{s} " 0.3^{s}, " 4.1^{s}	34	11	Octagonal masonry tower; 31.	
21420 *E 2924*	— — Head of Sveti Nikola Mole.		Fl. G period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	15	6	Iron column; 11	*Unreliable during strong N. gales.*
21430 *E 2926*	— Sveti Juraj (San Giorgio), head of mole.	44 56 14 55	Fl. R period 1.5^{s} fl. 0.3^{s}, ec. 1.2^{s}	20	6	Masonry hut; 17	Visible 39°–183°.
21440 *E 2932*	— Rt Stražica (Point Stražica), NW. extremity of Privic Island.	44 56 14 46	Fl. W period 6^{s} fl. 2^{s}, ec. 4^{s} Cp. 100	75	9	Stone tower on dwelling; 33.	

No.	Name and location	Position, lat. long ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	PLANINSKI CHANNEL:	N. E.					
21450 *E 2886*	— Galun (Gallon) Islet, NE. extremity. U.	44 56 14 41	**Gp. Fl. W. (3)** period 8^s fl. 0.5^s, ec. 1.0^s " 0.5^s, " 1.0^s " 0.5^s, " 4.5^s	33	11	White conical iron tower, masonry base; 31.	
21460 *E 2872*	— Plavnik Island, at Veli pin Point, Corsia Channel. U.	44 59 14 29	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 300	72	12	White cylindrical iron tower, masonry base; 41.	
	VEGLIA (KRK) ISLAND:						
21470 *E 2928*	— Baska, head of mole. U.	44 58 14 46	**Fl. G** period 2^s fl. 0.3^s, ec. 1.7^s	33	4	Iron support on house; 30.	
21480 *E 2884*	— Rt Tranjevo (Negritto Point), SW. side of island.	44 59 14 37	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	42	8	White dwelling; 10	
	KOSLJUNSKI CHANNEL:						
21490 *E 2880*	— Cassion (Kosljunski Aleksandròv) Bay, Potstraža, E. side of entrance. U.	45 01 14 37	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	31	8	Bracket on masonry hut; 23.	The channel to Punat is marked by lighted beacons.
21500 *E 2882*	— Punat, head of breakwater.	45 00 14 35	**F. G**	14	1	Iron post; 10	
	MORLACCA (KRK) CHANNEL:						
21510 *E 2874*	— Veglia (Krk), SE. head of mole.	45 01 14 35	**Fl. R** period 4^s fl. 0.5^s, ec. 3.5^s Cp. under 100	28	8	Red square tower, upper part gray; 26.	
21520 *E 2876*	— — Head of small mole, N. side of harbor.		**F. G** Cp. under 100	18	1	Green iron column; 13	
21530 *E 2870*	— Rt Spena (Morganillo Point), W. extremity of Krk island. U.	45 04 14 26	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 400	39	11	White conical iron tower, masonry base; 31.	
21532 *E 2868*	— Rt Glavotok	45 06 14 25	**Fl. R** period 4^s fl. 0.5^s, ec. 3.5^s	22	6	Red cylindrical tower, post; 18.	
21540 *E 2866*	— Malinska, NW. side of Krk island. U.	45 07 14 32	**F. R** Cp. under 100	18	2	Iron column; 15	
21542 *E2865*	— Mole Head	45 10 14 32	**Fl. G** period 4^s fl. 0.3^s ec. 3.7^s	23	3	White cylindrical iron tower, post; 19.	
21544	— Omisalj, head of mole.	45 12 14 33	**Fl. R** period 4^s fl. 0.5^s ec. 3.5^s	21	6	Red cylindrical iron tower; 18.	
21550	Rt Sajalo, NW. point of Otok Goli.	44 51 14 48	**Fl. W** period 4^s fl. 0.3^s, ec. 3.7^s	28	10	White hexagonal tower; 16.	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
		N. E.					
	PLANINSKI CHANNEL:						
21560 *E 2933*	— Klada Uvala, center of middle quay.	44 49 14 53	**F. G**	17	3	Iron column; 15	
21570 *E 2934*	— Starigrad, head of pier.	44 48 14 53	**F. R** Cp. under 100	14	4	Gray iron post; 12	
21580 *E2940*	— Jablanăc, on Rt Grakic, N. side of entrance.	44 42 14 54	**Fl. R** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	21	8	White masonry dwelling; 17.	
21590 *E2938*	— — N. side of entrance, on Rt Stokić.	------	**Fl. W** period 4^{s} fl. 1^{s}, ec. 3^{s}	151	12	Bracket on masonry hut; 20.	Visible 234°-174°.
21600 *E 2942*	— — Head of mole	------	**F. G**	16	3	Gray iron post; 11	
21610 *E 2944*	— Rt Juričnica (Juriciniza). **U.**	44 34 14 59	**Fl. W** period 4^{s} fl. 0.5^{s}, ec. 3.5^{s}	33	11	White octagonal concrete tower; 25.	
21620 *E 2948*	— Karlobag, head of S. mole. **U.**	44 31 15 04	**Fl. R** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s} Cp. under 100	26	7	Red iron tower; 23	
	ARBE (RAB) ISLAND:						
21628 *E 2975*	— Lopar, molehead	44 50 14 43	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	25	3	Round iron tower; 20	
21630 *E 2976*	— Rt Sorinj (Sorinja Point).	44 51 14 41	**Fl. W** period 5^{s} fl. 1^{s}, ec. 4^{s}	33	10	Concrete tower; 23	
21640 *E 2978*	— Kalifront (Cape Fronte), W. extremity of island. **U.**	44 47 14 39	**Gp. Fl. W. (3)** period 7^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 1.0^{s} " 0.3^{s}, " 4.1^{s} Cp. under 100	36	10	Red conical iron tower 23.	
21650 *E 2982*	— Sveti Kristofor Cove, SE. of Cape Fronte (Kalifront). **U.**	44 45 14 42	**Fl. W** period 4^{s} fl. 0.5^{s}, ec. 3.5^{s}	21	9	Iron column; 18	
21660 *E 2984*	— Port Arbe, Frkanj Rock, W. side of entrance. **U.**	44 45 14 45	**Fl. W** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	14	4	Red iron tower, black bands; 14.	
21670 *E 2986*	— — Garofalim (Frkani) Point. **U.**	-------	**Fl. R** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s} Cp. under 100	18	4	Iron column; 13	
21680 *E 2994*	— — Tunera (Skoljic) Islet, NW. point. **U.**	-------	**Fl. G** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	40	4	Concrete hut; 20	
21690 *E 2992*	— Port Rt Sevti Ante, extremity of shoal extending from point.	-------	**Fl. R** period 1.5^{s}	24	5	Red iron column; 19	
21700 *E 2988*	— — Head of jetty **U.**	-------	**Fl. G** period 1.5^{s}	22	4	Iron column; 19	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
		N. E.					
21710 *E 2998*	Dolfin Islet, summit. **U.**	44 41 14 41	**Gp. Fl. (2) — W. R.** period 6^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 4.2^s Cp. W. 1,000, R. 200	106	W.16 R.11	Red conical iron tower; 34.	R. 138°–153°, W.–138°.
	PAGO (PAG) ISLAND:						
21720 *E 2996*	— Tavernele Cove, NW. end of island. **U.**	44 41 14 44	**F. — W. R** period 6^s fl. 1^s, ec. 5^s	29	W.11 R. 7	Iron tower; 24	R. 141°–176°, W.–elsewhere.
21730 *E 3074*	— Novalja Harbor, S. end of pier, W. side of island. **U.**	44 33 14 53	**F. — R. G.** period 2^s fl. 0.5^s, ec.1.5^s	23	R. 5 G. 4	Red iron tower; 18	G. 85°–109°, R.–85°.
21740 *E 3075*	— Mandrije (Mandrie Cove), about ½ mile NW. of cove.	44 29 14 55	**Fl. W** period 2^s fl. 0.3^s, ec. 1.7^s	27	9	White iron skeleton structure; 21.	
21750 *E 3076*	— Simuni Cove, SW. side of island, S. side of entrance. **U.**	44 28 14 57	**Fl. G** Cp. under 100	20	3	Iron column; 15	
21760 *E 3077*	— Zaglava Point, on W. side of island.	44 24 15 02	**Gp. Fl. W. (2)** period 8^s fl. 0.3^s, ec. 0.5^s " 0.3^s " 6.9^s	30	10	White iron skeleton structure; 17.	
21770 *E 3078*	— Košljun, SW. side of island, root of mole. **U.**	44 24 15 05	**F. — R. G.** Cp. under 100	16	3	Iron column; 15	G. 352°–30°, R.–352°.
21780	— NW. point of entrance to Nova Poljana Cove.	44 21 15 06	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s	30	6	White cylindrical tower with post; 17.	
21782	— Veli zal (Bitve), in the water W. of point.	44 19 15 06	**Gp.Fl.R.(2)** period 6^s fl. 1^s, ec. 1^s fl. 1^s, ec. 3^s	21	7	Quadrangular stone tower, concrete base: 13.	
21785	— Rt. Prutna	44 18 15 11	**Fl.R** period 3^s fl. 0.3^s, ec. 2.7^s	26	5	Pyramidal stone tower; 18.	
21790 *E 2954*	— Pag, E. side of island, N. mole of basin, front.	44 27 15 03	**F. R** Cp. under 100	21	3	Iron column; 18	Range lights.
21790.1 *E 2956*	— — Rear, 55 yards 147° from front.		**F. R** Cp. under 100	22	3	Iron column; 18	
21799 *E 2951*	— Rt. Zaglav	44 30 15 00	**Fl. G** period 7^s fl. 0.5^s, ec. 6.5^s	31	6	White cylindrical tower; 21.	
21800 *E 2952*	— Rt Sveti Nikola (Sveti Nikola Point), Pago Bay. **U.**	44 29 15 03	**Fl. W** period 1.5^s fl. 0.3^s, ec. 1.2^s	25	8	Post on concrete hut; 16	
	MORLACCA (PLANINSKI) CHANNEL:						
21810 *E 2950*	— Rt. Kristofor (Sveti Kristofor Point), Pago Bay, W. side of channel.	44 29 15 05	**Fl. W** period 5^s fl. 1^s, ec. 4^s	203	20	White octagonal concrete tower; 20.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	MORLACCA (PLANINSKI) CHANNEL:	N. E.					
21820 *E 2960*	— Hrid Konj (Konj Islet).	44 25 15 13	**Gp. Fl. W. (3)** period 7^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 4.1^s	36	11	White cylindrical iron tower; 31.	
21830 *E 2962*	— Krušćica Dukoba (Kruziča Cove) Duga Point, N. side of Montagne Channel. **U.**	44 21 15 19	**F. R** Cp. under 100	19	4	Gray iron column; 18	
21840 *E 3086*	— Ljubac Strait, E. side of entrance. **U.**	44 19 15 16	**Fl. W** period 5^s fl. 2^s, ec. 3^s	32	4	Iron post	Visible 335°–213°.
21841	Rt. Tanka Nozica	44 20 15 16	**Fl.G** period 3^s fl. 0.3^s, ec. 2.7^s	26	5	Pyramidal stone tower; 20.	
21850 *E 2964*	— Ražance Veli (Ražance Island), E. Summit.	44 19 15 21	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	52	12	Red iron tower; 19	
21860 *E 2966*	— Ražance, head of pier.	44 17 15 21	**F. R**	15	4	Gray iron column; 13	
21870 *E 2970*	— Staugrad (Starigrad)	44 17 15 27	**F. R**	18	4	Iron post; 16	
21880 *E 2972*	— Vinjerac, head of mole, S. end of Montagne Channel. **U.**	44 16 15 28	**F. — W. R** Cp. under 100	18	W. 4 R. 3	Iron column; 17	R. 129°–189°, W. –129°.
21888 ***E2973***	— **Baljenica**	44 15 15 31	**Gp. Fl. W. (2)** period 5^s fl. 0.5^s, ec. 1.0^s " 0.5^s, " 3.0^s	33	10	White concrete tower; 13.	
21890 *E 2974*	— Novlgrad, on Rt. Sveti Nikola.	44 11 15 33	**Fl. W** period 1.5^s fl. 0.3^s, ec. 1.2^s	33	6	Masonry pillar on concrete dwelling; 20.	
21891	Sikavac Mali Islet, NE. extremity on rock.	44 18 15 14	**Fl.R** period 3^s fl. 0.3^s, ec. 2.7^s	23	5	Red iron tower and post, cement base; 18.	
21892	Misjak Islet, NW. extremity.	44 18 15 11	**Fl.G** period 3^s fl. 0.3^s, ec. 2.7^s	26	4	Pyramidal stone tower on concrete base; 20.	
21900 *E 3084*	Prutina Rock, off S. point of Pago Island, New Povljan Channel. **U.**	44 18 15 09	**Occ. R** period 5^s lt. 3^s, ec. 2^s Cp. under 100	27	5	Red iron framework tower on concrete hut; 31.	Obscured 180°–296°.
21910 *E 3044*	**Grujica Islet.** middle of entrance to Quarnerolo Channel.	44 25 14 34	**Gp. Fl. W. (3)** period 15^s fl. 0.4^s, ec. 2.1^s " 0.4^s, " 2.1^s " 0.4^s, " 9.6^s	57	13	Quadrangular masonry tower and dwelling; 50.	**Siren:** 1 blast every 2 minutes.
21920 *E 3045*	**Kamenjak Islet.** N. end, W. entrance to Selve Channel. **U.**	44 21 14 35	**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. 100	39	9	Red iron tower; 28	Partly obscured by Kamenjak and Lutrosn Kja Islets.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
21930 *E 3048*	PREMUDA ISLAND: — Krijal, W. side of island, head of N. mole. **U.**	N. E. 44 20 14 36	**F. R** Cp. under 100	15	6	Iron column; 13	
21940 *E 3050*	— Loza Bay, E. side of island. **U.**	44 21 14 36	**F. R** Cp. under 100	21	3	Iron column; 15	Visible 155°–294°.
21950 *E 3060*	SILBA ISLAND: — Silba, on E. side of Otok Silba. **U.**	44 23 14 42	**Fl. W** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	26	6	Red iron tower; 23	
21970 *E 3058*	— Rt. Južni Arat (Arat Point), SE. point of island. **U.**	44 21 14 43	**Occ. W** period 8^{s} fl. 4^{s}, ec. 4^{s}	49	10	Red iron framework structure, masonry base; 47.	
21980 *E 3054*	— Zalic, E. side of island, head of mole.	44 23 14 42	**F. R** Cp. under 100	18	3	Iron column; 10	
21990 *E 3064*	Morovnik Islet, NW. point. **U.**	44 26 14 44	**Fl. G** period 4^{s} fl. 0.3^{s}, ec. 3.7^{s} Cp. 100	27	8	Red square iron framework tower; 25.	
22000 *E 3066*	Olib Island, head of mole at Port Ulbo (Olib). **U.**	44 23 14 47	**F. R** Cp. under 100	18	3	Iron column; 16	Obscured by Kuriak Island.
22010 *E 3072*	Otok Škrda, NW. point. **U.**	44 29 14 51	**Occ. W** period 4^{s} lt. 2^{s}. ec. 2^{s}	49	11	White cylindrical iron tower; 38.	
22020 *E 3068*	Poklib Island, summit, S. entrance to Quarnerolo Channel. **U.**	44 24 14 54	**Fl. R** period 4^{s} fl. 0.5^{s}, ec. 3.5^{s}	52	8	Red cylindrical iron tower.	
22030 *E 3082*	Vir Island	44 18 15 02	**Fl. W** period 10^{s} fl. 4^{s}, ec. 6^{s}	67	14	Green masonry structure.	Visible 315°–163°. **Siren:** 1 blast every 60^{s}.
22040 *E 3090*	Ist Island, mole at Port Isto. **U.**	44 16 14 46	**F. G** Cp. under 100	18	2	Green iron column; 16	
22050 *E 3092*	MALADA (MULAT) ISLAND: — Vranac Point, NE. point of island. **U.**	44 16 14 48	**Fl. W** Period 1.5^{s} fl. 0.3^{s}, ec. 1.2^{s} Cp. under 100	42	8	Red conical iron tower; 26.	
22060 *E 3094*	— Mulat, SE. part of Port Lucina. **U.**	44 13 14 52	**F. R** Cp. under 100	29	10	Window of white house; 16.	Visible 50°–57°.
22062	Tun Mali Islet	44 12 14 54	**Fl.R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	28	5	Red iron tower with post; 18.	
22064	Trata Islet	44 13 14 55	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	34	7	Red iron tower with post; 20.	
22070 *E3104*	Tun Veliki, NW. point of island.	44 11 14 54	**Fl. W.G** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	88	W. 12 G. 6	Red conical iron tower; 23.	W. 213°–223°, 92°–100°, G.–elsewhere.
22080 *E 3096*	GROSSA (DUGI) ISLAND: — **Veli Rat,** NW. extremity of island.	44 09 14 49	**Gp. Fl. W. (2)** period 20^{s} fl. 0.8^{s}, ec. 4.4^{s} " 0.8^{s}, " 14.0^{s}	134	17	Red tower, white base and dwelling.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			YUGOSLAVIA				
	GROSSA (DUGI) ISLAND:	N. E.					
22090 *E 3098*	— Zaliv Pantera (Verunic Point), S. side of entrance to Pantera Cove.	44 09 14 51	**Fl.—W. R.** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	23	W. 7 R. 5	Red iron tower, post; 20.	R. 146°–188°30′ over Okljucic Shoal, W. elsewhere.
22300 *E 3100*	— Božava, N. side of entrance.	44 08 14 55	**F. G**	27	3	Pyramidal iron framework structure; 15.	
22310 *E3122*	— Brbinj N. side of entrance.	44 05 15 01	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	36	7	White iron tower, post; 20.	
22320 *E 3120*	— Rava Island, Garmina Point.	44 01 15 04	**F. R**	21	4	Iron column on hut; 29.	
22322	— Mashinovac Islet, SE. of Rt. Garmina.	44 00 15 04	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	95	7	White iron tower and post; 18.	
22330 *E 3124*	— Zmanšćica Cove, NE. side of island. **U.**	43 58 15 07	**F. G**	19	3	Iron column; 19	
22340 *E 3126*	— Triluke (Zaglava) Cove, E. side of island.	43 57 15 09	**F. W**	16	4	Iron post; 12	
22350 *E 3130*	— Sali Cove, NE. side of island, head of mole. **U.**	43 56 15 10	**F. G** Cp. under 100	16	3	Iron column; 12	
22360 *E 3132*	Laudara Island, NW. point. **U.**	43 57 15 12	**Fl. W** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	23	8	Iron column on concrete hut; 16.	Obscured 276°–5°.
22370 *E 3134*	**Sestrice Tajerske** (Port Tajer), off SE. end of Grossa Island.	43 51 15 12	**Fl. W** period 8^{s} fl. 1^{s}, ec. 7^{s}	156	18	White octagonal iron tower, red spiral stripes; 85.	
22380 *E 3106*	Tri Sestrice, on SE. islet.	44 10 15 01	**Gp. Fl. (2)—W. R.** period 5^{s} fl. 0.3^{s}, ec. 1^{s} " 0.3^{s}, " 3.4^{s}	52	W. 12 R. 10	Masonry tower attached to dwelling: 52.	R. 225°–234°,, W. elsewhere. **Siren:** 1 blast every 60^{s}.
	ESO (IZ) ISLAND:						
22390 *E 3110*	— Iž Veli, S. side of entrance. **U.**	44 03 15 07	**F. G** Cp. under 100	19	3	Iron column, masonry base; 16.	
22400 *E 3112*	— Komaševo, SE. side of Island, head of mole. **U.**	44 02 15 08	**F. R** Cp. under 100	17	3	Iron column; 16	
22412 ***E 3115***	Mrtovajak Islet	44 01 15 10	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	89	9	White iron tower and post; 18.	
22420 *E 3116*	Karantunič Island, summit, off S. end of Uglian Island **U.**	44 01 15 14	**Fl. W** period 5^{s} fl. 0.3^{s}, ec. 4.7^{s} Cp. under 100	104	15	Red iron tower; 23	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			YUGOSLAVIA				
22430 *E 3152*	UGLIAN (ULJAN) ISLAND: — Uljan, head of mole	N. E. 44 08 15 07	F.—W. R.	16	4	Iron column	R. 226°–286°, W.–226°.
22440 *E 3154*	— Lukoran Cove, head of mole. U.	44 06 15 09	F. R Cp. under 100	21	4	Iron column; 18	
22450 *E 3156*	— Sutomišćica, Sveti Grgur Point. U.	44 06 15 10	F. R Cp. under 100	21	3	Iron column, masonry base; 16.	
22460 *E 3158*	— Preko, head of mole. U.	44 05 15 12	F. R Cp. under 100	17	4	Iron column; 13	
22470 *E 3160*	— Ošljak Island, NE. point.	44 05 15 13	**Gp. Fl. W. (4)** period 20^{s} fl. 0.5^{s}, ec. 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 10.5^{s}	57	12	Red iron tower; 30	
22480 *E 3164*	— Kali (Kale,) head of W. mole.	44 04 15 12	F. R	19	3	Iron post; 17	
22490 *E 3166*	— Kukljica Bay, N. entrance point. U.	44 02 15 15	F. G Cp. under 100	17	2	Iron column; 13	
22500 *E3140*	**Petrčane, Radman Point. U.**	**44 11 15 09**	**Fl.—W. R.** **period 3^{s}** **fl. 0.3^{s}, ec. 2.7^{s}**	**21**	**W. 7 R. 4**	**White concrete tower; 18.**	**R. 141°–262°, W. elsewhere.**
22510 *E 3142*	PORT OF ZADAR: — Rt Mika (Mika Point).	44 08 15 12	**Gp. Fl. W. (3)** period 9^{s} fl. 0.3^{s}, ec. 0.9^{s} " 0.3^{s}, " 0.9^{s} " 0.3^{s}, " 6.3^{s} Cp. 5,600	45	8	White tower, 46	**Bell:** 1 stroke every 15 sec.
22520 *E 3144*	— Head of breakwater U.	44 07 15 14	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	20	8	White cylindrical masonry hut; 20.	
22530 *E 3148*	— Istarske Obala, NW. side.	44 07 15 13	**Fl. G** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	21	4	Black tower	
22540 *E 3168*	— Rt Podvara (Sukosan). U.	44 02 15 18	**Fl. W** period 4^{s} fl. 0.3^{s}, ec. 3.7^{s} Cp. under 100	20	9	Red iron framework structure; 23.	
22550 *E 3170*	— Sukosan, Head of pier.		F. R	16	4	Iron post; 12	
22560 *E 3172*	PASMAN ISLAND: — Sveta Luka, Zdrelac Cove N. end of island, on mole. U.	44 01 15 17	F. R Cp. under 100	16	4	Iron column; 16	
22570 *E 3176*	— Nevidanc (Nevidjane) Port, head of pier.	43 59 15 21	F. R	16	3	Iron post; 12	
22580 *E 3178*	— Pašman, head of mole U.	43 57 15 23	**Fl. R** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	17	4	Iron column; 17	
22590 *E 3192*	— Tkon, outer mole U.	43 55 15 25	F. R Cp. under 100	18	4	Iron column; 16	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	PASMAN ISLAND:	N. E.					
22600 *E 3180*	— Babac Island, W. side of island.	43 57 15 24	**Fl. W** period 3^s fl. 1^s, ec. 2^s Cp. 700	25	10	Masonry tower on hut; 25.	Visible 289°–154°, and over SW. point of Babac Island. **Siren** (hand): 1 blast every 120^s.
22610 *E 3181*	— Cavatul (Cavata) Islet, off NE. extremity. U.	43 56 15 25	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	28	6	Red iron framework structure, masonry base; 32.	
22620 *E 3138*	— Kosara Island, W. extremity, off S. side of Pasman Island. U.	43 53 15 24	**Fl. W** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 100	39	10	White iron tower with mast; 25.	
22630 *E 3179*	— Turanj, head of "L" shaped mole.	43 58 14 24	**F. G**	15	3	Black pyramidal iron post; 11.	
22640 *E 3182*	— Sveta Filip-Jakov, head of S. mole. U.	43 58 15 25	**F. R** Cp. under 100	17	3	Iron column; 16	
22650 *E 3190*	— Biograd, head of NW. mole. U.	43 56 15 26	**F. — G. R** Cp. under 100	20	3	Iron column, concrete base; 17.	R. 138°–145°, G.–138°.
22660 *E 3188*	— Sv. Katarina (Kata) Islet, SW. point.	43 56 15 26	**Occ. W** period 6^s lt. 4^s, ec. 2^s	38	10	Balcony of dwelling; 28	Visible 309°–152°. **Siren** (hand): 3 blasts every 120°.
22670 *E 3194*	Pakoštane, head of E. pier. U.	43 54 15 31	**F. G** Cp. under 100	14	3	Iron column; 12	*Unreliable during SE. gales.*
22680 *E 3196*	Artice (Artici) Islets, W. side of W. islet. U.	43 52 15 32	**Fl. G** period 6^s fl. 0.3^s, ec. 5.7^s Cp. under 100	24	6	Cylindrical tower; 21	Partially obscured 228°–302°.
22690 *E 3205*	Kušija Reef, NE. of Arta Velika Island.	43 52 15 33	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	24	6	Iron column; 23	
22700 *E 3214*	Pirovac (Zlosela), S. end of quay. U.	43 49 15 40	**F. R** Cp. under 100	18	4	Iron column; 18	
22710 *E 3202*	Prišnjak Islet, near W. extremity.	53 50 15 34	**Gp. Fl. W. (3)** period 10^s fl. 0.3^s, ec. 0.9^s " 0.3^s, " 0.9^s " 0.3^s, " 7.3^s	62	13	Masonry tower near dwelling; 49.	Visible 294°–146°. **Siren** (hand): 1 blast every 60^s.
22720 *E 3200*	Mišine (Kamicac) Island. U.	43 48 15 34	**Fl. G** period 8^s fl. 0.5^s, ec. 7.5^s Cp. under 100	29	6	Cylindrical concrete tower; 19.	
	MURTER ISLAND:						
22730 *E 3206*	— Hramina, head of mole, N. side of island. U.	43 49 15 35	**F. R** Cp. under 100	19	3	Iron column, masonry base; 17.	
22740 *E 3204*	— Tegina Island, NE. side.	43 50 15 36	**Fl. W** period 1.5^s fl. 0.3^s, ec. 1.2^s	23	8	Iron column, concrete base.	
22750 *E 3208*	— Betina, head of landing mole. U.	43 49 15 36	**F. G** Cp. under 100	17	1	Post; 12	
22760 *E 3212*	— Rt Rat (Rat Point), Pirovac Bat. U.	43 49 15 37	**Fl. W** period 4^s fl. 0.3^s, ec. 3.7^s	32	10	White octagonal concrete tower; 30.	

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	MURTER ISLAND:	N. E.					
22770 *E 3216*	— Tijesno, on bridge connecting island with mainland.	43 48 15 38	**F. R.** or **F. R.** and **F. G.**	20 13	3	Iron columns; 7; 15	A F. R. light is exhibited on the bridge at Stretto when draw is closed. When draw is open the light on the S. side changes to G.
22780 *E 3218*	— — Head of mole U.		**F. R** Cp. under 100	21	3	Iron column; 12	
22790	— Jezera, SE. head of "L" shaped pier.	43 47 15 39	**F. G**	15	2	Black iron structure; 11	
22798 ***E 3234***	**Greben Bacvica Beacon.**	43 45 15 42	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	26	5	Red, black, and white banded iron tower with post on concrete base.	
22800 *E 3220*	Maslinjak Island, near W. extremity.	43 46 15 41	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 200	57	11	Red conical iron tower; 24.	Obscured 195°–282°.
22805 ***E 3219***	Rt. Murteric, SW. coast Murter Island.	43 47 15 38	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	62	7	White iron tower; 20	
22810 *E 3224*	Kukuljari Islets, on E. islet. U.	43 46 15 38	**Fl. W** period 10^s fl. 4^s, ec. 6^s	43	12	White iron cylindrical tower; 40.	
22811 ***E 3222***	— Sv. Nikola Bay, head of mole.	43 47 15 37	**F. G**	16	3	White iron post; 13	
22812 ***E 3225***	Smokvica Vela, near N. extremity of island.	43 44 15 29	**Gp. Fl. W. (2)** period 6^s fl. 0.3^s, ec. 1.4^s " 0.3^s, " 4.0^s	43	11	White square stone tower; 33.	
22820 *E 3230*	Rt Tijăšciča (Tijascica Point) on Tijăšciča Island. U.	43 42 15 46	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 3.4^s " 0.3^s, " 6.0^s Cp. 200	42	11	Structure; 26	Visible 291°–128°.
22830 *E 3240*	Privic Island, Privic-Luka, head of mole.	43 44 15 48	**F. G**	18	4	Iron column; 13	
22840 *E 3238*	— Sepurine (Sepurina), head of mole. U.	43 44 15 47	**F. R**	15	4	Iron column; 14	Visible 337°–129°. *May not be exhibited during SE. or SW. gales.*
22850 *E 3232*	Tribunj U.	43 45 15 45	**F. G** Cp. under 100	17	3	Iron column; 16	
22860 *E 3236*	Vodice, head of S. mole U.	43 45 15 46	**F. R** Cp. under 100	20	3	Iron column; 17	Obscured 256°–309° over Vodice and Srimar Shoals.
22868 ***E 3243***	Rt Konj	43 43 15 49	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	28	5	Red iron tower and post; 18.	
22870 ***E3244***	Zlarin Island, port Zlarin, head of mole. U.	43 42 15 50	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	26	5	Red iron tower and post; 23.	

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	APPROACH TO PORT SIBENIK:	N. E.					
22880 *E 3242*	— Plićina Rosenik (Rosenik Rock). **U.**	43 43 15 50	**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. under 100	26	10	Conical tower; 27	
22890 *E 3248*	— Jadrija (Jadria) Point, N. side of entrance to Sveta Ante Channel.	43 43 15 51	**Gp. Fl. R.** (2) period 6^s fl. 0.5^s, ec. 1^s " 0.5^s, " 4^s Cp. under 100	36	8	Octagonal tower, dwelling; 39.	Visible 160°–98°. **Siren** (hand): 1 blast every 60^s.
22900 *E 3250*	— Rocni Rocks, S. side of entrance to Sveta Ante Channel. **U.**	43 43 15 51	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	21	5	Cylindrical tower, concrete base; 22.	
22910 *E3254*	— Fort Sv. Nikola	43 43 15 51	**Fl. G** period 1.5^s lt. 1.3^s, ec. 0.2^s	42	4	Iron column on angle of fort.	Visible 45°–234°. Traffic signals.
22920 *E 3256*	— Rt Debela (Debela Point), N. side of channel. **U.**	43 44 15 51	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s Cp. under 100	21	5	White cylindrical tower, concrete base; 17.	Visible 240°–50°.
22930 *E 3252*	— Rt Senisna (Senišna Point), on edge of shoal. **U.**	43 43 15 52	**Fl. G** period 1.5^s fl. 0.3^s, ec. 1.2^s	26	4	White circular tower; concrete base; 23.	
22940 *E 3260*	— Rt Svet Ante (Svet Ante Point), S. side of channel. **U.**	43 44 15 52	**Fl. G** period 1.5^s fl. 0.3^s, ec. 1.2^s	29	4	White cylindrical tower; 23.	
22950 *E 3262*	— Rt Svet Križ (Svet Kriz Point), N. side of E. end of channel. **U.**	43 44 15 53	**Fl. R** period 1.5^s fl. 0.3^s, ec. 1.2^s	29	3	White cylindrical tower; 18.	Partially obscured when bearing less than 243°.
22953 *E3258*	— Rt Baba	43 43 15 52	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	20	5	White iron tower with post; 16.	
22960 *E3264*	— Pličini Paklena (Paklena Bank), NE end. **U.**	43 44 15 53	**Fl. W** period 1.5^s fl. 0.3^s, ec. 1.2^s	20	6	White cylindrical tower, concrete base; 17.	
	PORT SIBENIK:						
22970	— Kaprije, head of quay.	43 41 15 42	**F. W**	21	4	White iron post; 19	
22980 *E3266*	— Krka Quay	43 44 15 53	**F. R**	26	6	Post on white masonry hut; 21.	
22983 *E3267*	— Martinska Bay quay, S corner.	43 45 15 53	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	11	4	Red iron tower; 10	
22983.5 *E3267.5*	— Velika Kapela, on point.	43 46 15 51	**Fl. W** period 2^s fl. 0.3^s, ec. 1.7^s	20	6	White iron tower; 7	

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	YUGOSLAVIA						
	PORT SIBENIK:	N. E.					
22984 *E3268*	— Rt. Triska	43 47 15 51	**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	20	6	White concrete tower; 13.	
22984.2 *E3268.5*	— Zaton, SE corner of quay.	43 47 15 50	**F. G**	13	3	White iron post; 10	
22984.3 *E3269*	— Samac, on point	43 47 15 51	**Fl. W** period 2^s fl. 0.3^s, ec. 1.7^s	16	6	White iron tower; 7	
22984.4 *E3269.5*	— Rt. Veliki Tradan	43 47 15 51	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	15	4	Red iron tower; 10	
22985 *E3270*	— Sv. Josip	43 47 15 51	**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	25	4	White concrete tower; 13.	
22986 *E3271*	— Margaretusa W. Rt.	43 45 16 00	**Fl. W. R** period 2^s fl. 0.5^s, ec. 1.5^s	20	6	White concrete tower; 13.	R. 172°–192°, W. elsewhere.
22986.2 *E3271.5*	— Rasline, head of mole.	43 46 15 51	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	11	4	Red iron tower; 7	
22987 *E3272*	— Ostrica	43 48 15 53	**Fl. G** period 2^s fl. 0.5^s, ec. 1.5^s	21	4	White concrete tower; 13.	
22988 *E3272.5*	— Rt. Bila Stina	43 48 15 54	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	10	4	Red iron tower; 7	
22989 *E3273*	— Rt. Lukovo	43 48 15 55	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	10	4	Red iron tower; 7	
22989.2 *E3273.5*	— Rt Dut	43 49 15 55	**Fl. W** period 2^s fl. 0.3^s, ec. 1.7^s	13	5	White iron tower; 7	
22989.3 *E3273.8*	— Skradin, SE corner of Skrad quay.	43 49 15 55	**F. G**	16	4	White iron mast; 13	
22990 *E 3278*	Krapanj Island, head of mole. U.	43 40 15 55	**F. R** Cp. under 100	19	2	Iron column; 16	Obscured 356°–130°.
22998 *E3275.2*	Drvenik Islet	43 40 15 53	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	20	4	White iron tower and post; 18.	
23000 *E3276*	Dvainka Island	43 39 15 53	**Occ. W** period 5^s lt. 3^s, ec. 2^s	25	8	White stone tower; 19	Visible 326°–172°.
23002 *E3275*	Rat, SE. extremity of Zlarin Island.	43 40 15 52	**Gp. Fl. W. (2)** period 5^s fl. 1^s, ec. 1^s " 1^s, " 2^s	39	10	White stone tower; 26	

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	YUGOSLAVIA						
		N. E.					
23010 *E 3274*	Komorica Islet	43 39 15 51	**Gp. Fl. W. (3)** period 7^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 4.1^s Cp. 200	36	10	Gray octagonal concrete tower; 23.	Visible 80°–328°.
23012 ***E3229.5***	Siv, SE. extremity of Zmajan Island.	43 41 15 46	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	33	5	White concrete tower; 13.	
23014 ***E3228.5***	Lemes, SE. extremity of Kaprije Island.	43 40 15 43	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	26	7	White stone tower on concrete base; 13.	
23016 ***E3229.7***	Kakan Island, SE. extremity.	43 41 15 41	**Gp. Fl. W. (2)** period 6^s fl. 0.5^s, ec. 1.0^s " 0.5^s, " 4.0^s	26	8	White concrete tower; 13.	
23020 *E 3228*	Hrbošnjak Islet U.	43 39 15 44	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. under 100	81	10	Red iron framework structure on cylindrical tower; 27.	
23030 *E 3226*	**Blitveniča Islet,** summit.	43 38 15 35	**Gp. Fl. W. (2)** period 30^s fl. 1.2^s, ec. 6.5^s " 1.2^s, " 21^s Cp. 1,100	125	17	Stone tower, dwelling; 71.	
23040 *E 3282*	Primošten Harbor, on head of mole. U.	43 35 15 55	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	26	6	Red iron tower; 24	
23050 *E 3284*	— Kremik Point	43 35 15 55	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	34	11	White octagonal concrete tower; 26.	Visible 339°–222°.
23060 *E 3286*	**Mulo Islet,** summit, entrance to Port Rogozniea.	43 31 15 55	**Fl. W** period 10^s fl. 0.6^s, ec. 9.4^s	69	14	Masonry tower attached to dwelling; 58.	**Siren:** 3 blasts every 120^s.
	PORT ROGOZNIKA:						
23070 *E 3288*	— Gradina Point, on SW. spit.	43 31 15 58	**Fl. R** period 4^s fl. 0.3^s, ec. 3.7^s	50	7	White masonry tower; 19.	Visible 248°–173°.
23080 *E 3287*	— Kalebinjak Rock	43 31 15 57	**Fl. W** period 2^s fl. 0.3^s, ec. 1.7^s	23	8	Iron structure on hut; 13.	
23090 ***E3292***	— Head of quay	43 32 15 58	**F. G** Cp. under 100	19	3	Iron column; 16	
23098 ***E3293***	Muljiea Islet	43 28 16 01	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	49	8	White iron tower with post; 18.	
23100 *E 3294*	Murvica Islet, W. end of Zirona Channel.	43 28 16 03	**Occ. R** period 8^s lt. 4^s, ec. 4^s Cp. 500	48	9	Octagonal stone tower, dwelling; 23.	**Siren** (hand): 3 blasts every 120^s.
23102 ***E3295***	Drvenik Mali, on Paskika Pt.	43 28 16 04	**Gp. Fl. W.(4)** period 15^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 8.5^s	36	11	Octagonal stone tower on concrete base; 33.	

No.	Name and location	Position, lat. long ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	MURVICA ISLET:	N. E.					
23110 *E 3296*	— Svet Juraj (Drvenik Veliki Island). **U.**	43 27 16 09	**F. R** Cp. under 100	17	4	Iron column; 17	
23112 *E 3297*	— Rt. Artartur Point	43 29 16 08	**Fl. R** period 2^s fl. 0.3^s, ec. 2.7^s	26	6	Stone tower on concrete base; 13.	
23120 *E 3298*	Galera Island, summit, N. side of Split-Zirona Channel. **U.**	43 28 16 11	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 500	37	10	White conical iron tower; 27.	
	TROGIR BAY:						
23130 *E 3302*	— Celice Rock **U.**	43 30 16 12	**Gp. Fl. W. (3)** period 15^s fl. 0.8^s, ec. 2.2^s " 0.8^s, " 2.2^s " 0.8^s, " 8.2^s	49	10	White conical iron tower; 25.	
23140 *E 3304*	— Marina (Bossiljina Point), S. side of bay. **U.**	43 31 16 08	**Fl. W** period 1.5^s fl. 0.3^s, ec. 1.2^s	25	8	White conical iron tower; 25.	
23150 *E 3306*	— Marina (Port Bossiljina) on pier. **U.**	43 31 16 07	**F. R** Cp. under 100	18	3	Red iron post; 17	
23160 *E 3308*	— Čubrijan Point, Čiovo Island. **U.**	43 31 16 14	**Fl. G** period 2^s fl. 0.3,^{s} ec. 1.7^s Cp. under 100	22	8	White iron structure on hut; 23.	
23170 *E3316*	Arbanija, head of pier	43 31 16 18	**F. R**	18	3	Red iron post	
23180 *E 3314*	Slatine, head of mole	43 30 16 20	**F. R** Cp. under 100	20	4	Iron column; 11	
	SPLIT (SPALATO):						
23188	— **Pomorac,** on Seaman Memorial Obelisk.	43 30 16 26	**Gp. Fl. W. (2)** period 20^s fl. 0.8^s, ec. 4.6^s " 0.8^s, " 13.8^s	177	20	Stone and concrete obelisk; 126.	
23190 *E 3352*	— Botticela Point, extremity of mole.	43 30 16 26	**Gp. Fl. G. (3)** period 5^s fl. 0.5^s, ec. 0.5^s " 0.5^s, " 0.5^s " 0.5^s, " 2.5^s	34	10	Octagonal iron tower on dwelling; 31.	Visible 285°–253° **Siren** (hand): 1 blast every 60^s.
23200 *E 3348*	— Outer end of mole, W. side of entrance	43 30 16 26	**Fl.—W. R** period 1.5^s fl. 0.3^s, ec. 1.2^s	11	W. 5 R. 1	Cylindrical masonry tower; 8.	W. 33°–206°, R.–276°, obscured elsewhere.
23210 *E 3350*	— Sustipan Point	43 30 16 26	**Fl. R** period 6^s fl. 2^s, ec. 4^s	33	8	Red cylindrical tower on concrete platform; 23.	
23220 *E 3328*	— Rt Marjan, head of breakwater off Oceanographic Institute. **U.**		**Fl. W** period 1.5^s fl. 0.3^s, ec. 1.2^s	25	8	Red iron tower with post and gallery; 21.	Obscured 210°–290°.
23230 *E 3356*	— Head of Sveta Petra Mole, ¼ mile 41° from breakwater light.	43 50 16 26	**F. R**	26	4	Post on gray iron tower; 25.	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			YUGOSLAVIA				
	SPLIT (SPALATO):	N. E.					
23240 *E 3358*	— Listopada, on pier 300 yards 320° from Sveta Petra Light.		**F. G**		2	Gray iron post; 15	
	KAŠTELANSKI ZALIV (KASTEL BAY):						
23250 *E 3318*	— Kaštel Novi, head of mole. **U.**	43 33 16 20	**F. G** Cp. under 100	21	3	Iron column; 13	Visible 270°–50°.
23260 *E 3316*	— Divuljc, head of mole.	43 32 16 18	**F. G**	23	2	Wooden post	
23268 *E 3323*	— Galija Hrid	43 32 16 25	**Fl. R. G** period 2^s fl. 0.3^s, ec. 1.7^s	31	R. 5 G. 3	Cylindrical structure; 28.	G. 61°–91°, R.–elsewhere.
23270 *E 3324*	— Sile Rock **U.**	43 32 16 26	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 500	23	7	White octagonal concrete tower with iron mast.	
23275 *E 3320*	— Kastel Gomilica, head of pier.	43 33 16 24	**F. G**	18	3	Black iron post; 16	
23280 *E 3322*	— Kaštel Sućurac, on point E. of town.	43 32 16 26	**F. R**	24	4	Gray post; 16	
23285 *E 3325*	— On rock SW. of Otocic Barbarinac.	43 32 16 27	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	33		Red iron tower, stone base.	
23290	— Solin on SW. corner of factory.	43 32 16 28	**F. R**		2		
23300 *E 3326*	— Solin-Vranjic	43 32 16 28	**F. R** Cp. 100	24	4	Gray iron column; 16	
	BRAZZA (BRAČ) CHANNEL:						
23310 *E3360*	— Krilo, head of W. mole.	43 28 16 36	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	21	4	White iron tower with post; 18.	
23320 *E 3374*	— Omis, parapet of Franciscan Convent, N. side of channel. **U.**	43 26 16 42	**F. R**	26	3	Red iron structure on convent wall; 15.	Visible 334°–71°.
23325 *E3376*	— Omis (Omisaly), N. side of channel. **U.**	43 26 16 42	**Fl. W., G** period 3^s fl. 0.3^s, ec. 2.7^s	21	3	White iron tower with post; 18.	G. 334°–38°, W. elsewhere.
23330 *E3378*	— Kutleša, head of mole.	43 24 16 49	**F. G**	19	3	Iron post; 10	
23340 *E 3385*	— Uvale Stomarcia, head of mole.	43 23 16 55	**F. G**	15	2	Black iron post	
23350 *E 3386*	— Baskavoda	43 21 16 57	**F. G**	22	4	Pyramidal iron structure; 16.	
	SOLTA (SULET) ISLAND:						
23360 *E 3332*	— Maslinica, on Point San Nicolo (Sveta Nikola) W. end of island.	43 24 16 12	**Fl.—W. R** period 3^s fl. 0.5^s, ec. 2.5^s Cp. under 100	34	W. 10 R. 7	White masonry tower; 25.	R 11°–56°, W.–11°.
23370 *E 3334*	— Rogac, Glavica Point, N. side of the island. **U.**	43 24 16 18	**Fl. W** period 1.5^s Cp. under 100	30	7	Red square iron tower; 20.	Visible 18°–288°.

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
—	SOLTA (SULET) ISLAND:	N. E.					
23380 *E 3336*	— Stomorska Cove, E. side of entrance. **U.**	43 22 16 21	**Gp. Fl. R. (2)** period 5^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 3.4^{s}	36	8	Red iron tower; 26	
23390 *E 3338*	— Livka Point, E. end of island. **U.**	43 20 16 24	**Fl. W.** period 10^{s} fl. 4^{s}, ec. 6^{s}	37	10	Cylindrical tower on masonry hut; 34.	Obscured 58°–168°.
23395 ***E3340***	Mrdulja Islet	43 20 16 25	**Fl. G.** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	46	7	White iron tower; 20.	
—	BRAZZA (BRAČ) ISLAND:						
23400 *E 3342*	— **Ražanj Point,** W. end of island.	43 19 16 24	**Gp. Fl. W. (2)** period 5^{s} fl. 0.5^{s}, ec 1^{s} " 0.5^{s}, " 3^{s}	56	13	Masonry tower close to dwelling; 47.	**Siren:** 3 blasts every 120^{s}.
23410 *E 3344*	— Bijaka Point, N. side of entrance to Milna. **U.**	43 20 16 26	**Fl. R.** period 3^{s}	26	8	Square stone tower; 25.	
23420 *E 3346*	— Milna, entrance to inner harbor. **U.**	43 20 16 27	**F. R.**	16	2	Iron column; 13	
23430 *E 3364*	— Sutivan, SW. angle of mole head.	43 23 16 29	**F. R.** Cp. under 100	21	3	Iron column; 17	
23440 *E 3366*	— Supetar, head of mole. **U.**	43 23 16 33	**Fl. R.** period 3^{s} fl. 1^{s}, ec. 2^{s}	29	8	Gray iron structure; 25.	
23450 *E 3368*	— Splitska (Spliska), Cove, E. side of entrance. **U.**	43 22 16 36	**F. W.** Cp. under 100	23	5	Iron column; 19	
23460 *E 3370*	— Postire, head of mole. **U.**	43 23 16 38	**F. R.** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s} Cp. under 100	23	6	Stone tower; 20	Visible 326°–259°.
23470 *E 3380*	— Port Pučišće, on San Nicolo (Sveta Nikola) Point.	43 22 16 44	**Fl. W.** period 5^{s} fl. 1^{s}, ec. 4^{s} Cp. 300	66	12	Hexagonal tower on dwelling; 38.	
23480 ***E3384***	— Povja (Povlje), San Antonio Point. **U.**	43 20 16 50	**Gp. Fl. W. (2)** period 6^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 4^{s}	24	9	Square masonry tower; 17.	
23484 ***E3392***	— Lascatna	43 18 16 52	**Gp. Fl. W. (4)** period 20^{s} fl. 0.5^{s}, ec. 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 10.5^{s}	41	10	White masonry tower; 26.	
23490 ***E3396***	— Sumartin, on point SE. side of island.	43 17 16 53	**Fl. W.** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	26	7	White masonry tower, near dwelling; 20.	
23500 *E 3398*	— — W. side of entrance, head of mole.		**F. R.** Cp. under 100	18	2	Iron column; 17	*Unreliable during SE. gales.*
23510 *E 3400*	— Bole, head of mole **U.**	43 16 16 40	**Fl. G.** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. under 100	24	5	White square masonry tower; 23.	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
23520 *E 3388*	Makarska, on Sveta Petar.	43 18 17 01	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	52	12	Masonry tower, dwelling; 46.	Visible 321°–141°.
23530 *E 3390*	— Head of mole	43 18 17 01	**F. R**	20	4	Iron column; 17	*Unreliable during NE. gales.*
23540 *E 3394*	Podgora Cove, head of mole.	43 14 17 04	**F. R** Cp. under 100	19	4	Iron support; 11	
23550 *E 3404*	HVAR ISLAND: — **Cape Pellegrin,** W. end of island. **U.**	43 12 16 22	**Gp. Fl. W.** (3) period 10^{s} fl. 0.3^{s}, ec. 1^{s} " 0.3^{s}, " 1^{s} " 0.3^{s}, " 7.1^{s}	69	13	Red conical iron tower, masonry base; 36.	
23560 *E 3406*	— Gališnik Island, S. side of island, entrance to Port Lesina. **U.**	43 10 16 26	**Fl. G** period 6^{s} fl. 2^{s}, ec. 4^{s} Cp. under 100	36	5	White masonry tower; 29.	
23570 *E 3408*	— S. corner of Luke Hvar Quay. **U.**		**F. G** Cp. under 100	19	1	Iron column; 17	
23580 *E 3410*	— Pokonjidol Islet	43 09 16 27	**Fl. W** period 8^{s} Cp. 300	67	14	Tower on white dwelling; 48.	
23590 *E 3418*	— Kabal Point	43 14 16 31	**Fl. W** period 4^{s} fl. 1^{s}, ec. 3^{s}	52	12	White iron framework tower; 18.	Visible 324°–227°.
23600 *E 3414*	— Starigrad, Fortino Point, NW. side of island. **U.**	43 11 16 35	**Fl. G** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	25	6	Gray iron tower; 22	
23610 *E 3416*	— — Near W. end of pier, S. shore. **U.**		**F. G** Cp. under 100	19	3	Iron column; 17	
23620 *E 3426*	— Zečevo Islet, E. end	43 11 16 42	**Fl. W** period 4^{s}	36	10	Red cylindrical iron tower, square masonry base; 23.	
23630 *E 3420*	— Vrboska, Sveta Kriz **U.**	43 11 16 41	**Fl. W** period 1.5^{s} fl. 0.3^{s}, ec. 1.2^{s} Cp. under 100	18	8	Iron post on white concrete hut; 16.	
23640 *E 3422*	— — Quay **U.**		**F. R** Cp. under 100	16	3	Iron column; 13	
23650 *E3428*	— Jelsa, head of N. mole. **U.**	43 10 16 42	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	23	3	White square tower; 21	
23660 *E3430*	— — NE. entrance, on pier head.		**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	20	5	Red iron tower, and post; 16.	
23670 *E 3490*	— Sućuraj Point, on E. extremity of island.	43 07 17 12	**Fl. W** period 10^{s} fl. 4^{s}, ec. 6^{s}	48	12	Square masonry tower on church; 45.	Visible 130°–75°.
23680 *E 3492*	— — Head of mole **U.**		**F. R** Cp. under 100	16	4	Iron column; 10	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			YUGOSLAVIA				
23690 *E 3432*	LISSA (VIS) ISLAND: — **Stončica Point,** E. point of island.	N. E. 43 04 16 15	**Fl. W** period 15^s fl. 0.7^s, ec. 14.3^s Cp. 160,000	125	18	Octagonal masonry tower, dwelling; 92.	Visible 110°–357°. Signal and telegraph station.
23692	— Krava Hrid, rock E. of harbor.	43 05 16 13	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	25	4	White concrete tower; 21.	
23700 *E 3436*	— Hoste Island, at entrance to Vis Harbor, NE. side of island.	43 04 16 12	**Fl. W** period 10^s fl. 4^s, ec. 6^s	70	14	White octagonal masonry tower, dwelling; 37.	
23710 *E3438*	— Vis, Sveta Jerolima **U.**	43 04 16 11	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	21	3	White iron tower with post; 18.	
23712	— Volici Hrid, NE. rock.	43 05 16 12	**Fl. W** period 2^s fl. 0.3^s, ec. 1.7^s	26	6	White concrete tower; 21.	
23720 *E 3440*	— Barjaci (Mali Barjak) Islet, off NW. side of island. **U.**	43 03 16 02	**Fl. W** period 2.5^s fl. 0.7^s, ec. 1.8^s Cp. 100	41	8	Red square iron framework tower; 22.	
23730 *E 3442*	— Komiza, head of breakwater. **U.**	43 03 16 05	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	25	4	White iron tower; 20	*Unreliable during SW. gales.*
23738 ***E3445***	Lukavei, center of smaller islet W. of Šcédro.	43 05 16 35	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	46	7	White stone tower; 26	
23740 *E 3446*	TORCOLA (ŠĆEDRO) ISLAND: — Šcédro, S. side of island, about 800 yards from W. end. **U.**	43 05 16 40	**Fl.—W. R** period 6^s fl. 0.5^s, ec. 5.5^s Cp. W. 800, R. 200	68	W. 12 R. 8	Cylindrical iron tower, concrete hut; 32.	W. 280°–87°, R.–94°, W.–139°, obscured elsewhere.
23750 *E 3448*	— Porto Grande, N. side of island, E. side of entrance. **U.**	43 06 16 42	**F. R** Cp. under 100	23	4	Red iron column; 13	
23760 *E 3450*	Pločica Island, NW. extremity and summit.	43 02 16 49	**Gp. Fl. W.** (2) period 5^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 3.4^s	112	16	Iron tower on dwelling; 82.	
23768	Blaca, E. extremity of Malii Skojie.	43 00 17 29	**Fl. R** period 2^s fl. 0.3^s, ec. 2.7^s	21	5	Red iron tower with post; 18.	Visible 178°–88°.
23770 *E 3500*	NARENTA (NERETVA) CHANNEL AND RIVER: — Gradac, head of mole.	43 06 17 21	**F. R**	16	2	Iron column; 15	Visible from land–50°.
23780 *E 3500.5*	— Višnjca (Visnica) Point, S. side.	43 02 17 25	**Gp. Fl. W.** (2) period 5^s fl. 0.7^s, ec. 1^s " 0.7^s, " 2.6^s	42	9	Post on hut; 16	A lighted buoy showing Fl. G., period 2^s, is located about 215 yards 99°.
23790 *E 3501*	— — NE. side	43 03 17 25	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	39	5	Post on hut; 16	

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	YUGOSLAVIA						
	NARENTA (NERETVA) CHANNEL AND RIVER: — Luka Ploče:	N. E.					
23800 *E 3501.2*	— — Rt Bat, extremity of point. **U.**		**Fl. R** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	30	6	Iron column; 12	A lighted buoy showing Fl. G., period 2^{s}, is located about 80 yards 140°.
23810 *E 3501.4*	— — W. end of quay **U.**		**F. G**	20	3	Iron column; 14	Visible 45°–285°.
23830	— *Gumanac Bank Lighted Buoy.*	43 02 17 26	**Fl. W** period 6^{s} fl. 1^{s}, ec. 5^{s}	11	7	Black buoy; 13	
23840 *E 3502*	— Head of N. mole	43 01 17 27	**Fl. R** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	13	4	Concrete hut; 10	
23850 *E 3510*	— Head of S. mole	43 01 17 27	**F. G**	13	4	Green iron structure; 10	
23860 *E 3512*	— Fort Opus (Opuzen), E. corner of quay.	43 01 17 34	**F. R**	26	4	Iron column, stone base; 17.	Telephone.
23870 *E 3514*	— Metkovic **U.**	43 03 17 39	**F.—W. R**	26	1	Iron column; 15	R. 2°–182°, W.–2°. Telephone.
	STON MALI CHANNEL:						
23880 *E 3526*	— Celjen Point	42 52 17 41	**F. W**	30	4	Iron column; 25	
23890 *E 3528*	— Mirna Hodilje Point	42 51 17 41	**F. G**	22	2	Iron column, concrete base; 21.	
23900 *E 3530*	— Greda (Vranjak), N. side of shoal.	42 51 17 42	**F. R**	10	3	Conical concrete beacon; 13.	
23910 *E 3532*	— Mali Voz Point	42 51 17 43	**F. R**	20	3	Iron column; 16	
	PELJEŠAC PENINSULA:						
23920 *E 3522*	— Blaća Point, N. side of peninsula.	42 55 17 31	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	55	12	Square masonry tower on dwelling; 42.	Visible 127°–285°.
23930 *E 3516*	— Crkvice, head of mole. **U.**	42 58 17 22	**F. G** Cp. under 100	21	2	Iron column; 17	
23940 ***E 3520***	— Drače Harbor, head of mole.	42 56 17 27	**Fl.—W.R.** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	19	W. 6 R. 4	White iron post; 20	R. 197°–243°, W.–197°.
23950 *E 3496*	— Trpanj, head of mole. **U.**	43 01 17 16	**Fl. W** period 4^{s} fl. 0.3^{s}, ec. 3.7^{s}	23	6	Pyramidal concrete tower; 22.	
23960 *E 3498*	— — Head of mole of inner harbor.		**F. R**	20	2	Red iron post; 17	
23970	— Duba Bay, head of mole.	43 02 17 10	**F. R**	18	4	Red iron post; 15	
23980 ***E 3488***	— Cape Loviste	43 03 17 00	**Gp. Fl. W. (3)** period 10^{s} fl. 0.3^{s}, ec. 0.9^{s} " 0.3^{s}, " 0.9^{s} " 0.3^{s}, " 7.3^{s}	33	10	Masonry tower near keeper's dwelling; 37.	Visible 357°–258°.
23982 ***E 3487***	— Port Luka	43 02 17 00	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	30	5	White iron tower and post; 18.	Visible 243°–113°.

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PELJEŠAC PENINSULA:	N. E.					
23990 *E 3474*	— Osicac (Osit) Point	43 01 17 00	**Occ. R** period 5^s lt. 3^s, ec. 2^s	30	8	White octagonal concrete tower; 25.	Visible 270°–142°.
24000 *E 3468*	— Račišce, head of mole. U.	42 58 17 01	**F. G** Cp. under 100	18	2	White iron column; 15	
24010 *E 3470*	— Kneza Vela, NE. side. U.	42 59 17 03	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2.0^s " 0.5^s, " 7.0^s	44	12	Red conical tower; 25	
24020 *E 3472*	— Kučište, head of mole.	42 59 17 07	**F. G**	16	3	White iron column; 15	
24040 *E 3476*	— Curzola (Korčula), head of new mole. U.	42 58 17 08	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s Cp. under 100	25	8	Red iron column; 23	
24050 *E 3480*	— Orebic, on peninsula, head of mole. U.	42 58 17 11	**Fl. G** period 6^s fl. 2^s, ec. 4^s	25	6	White iron tower; 24	
24060 *E 3482*	— Sestrice (Pelješac) Islets, NW. islet.	42 58 17 13	**Gp. Fl. W. (3)** period 9^s fl. 0.3^s, ec. 0.9^s " 0.3^s, " 0.9^s " 0.3^s, " 6.3^s Cp. 200	58	11	Stone tower and dwelling;	
	KORČULA ISLAND:						
24070 *E 3484*	— Lumbarda Harbor, head of mole. U.	42 55 17 11	**F. R** Cp. under 100	17	3	Red iron column; 15	
24072 ***E3486***	— Rt Raznjie, 1.21 miles 113° from Lumbarda Light.	42 .55 17 12	**Fl. W** period 6^s fl. 1.0^s, ec. 5.0^s	43	11	White octagonal stone tower; 26.	
24080 *E 3462*	— Port Berna (Brna), Mali Zaglav Point, S. side of island. U.	42 54 16 51	**F. R** Cp. under 100	19	3	Iron column; 15	*Unreliable during SE. gales.*
24084	— Velo Dance Point	42 58 16 38	**Gp. Fl. W. (3)** period 10^s fl. 0.3^s, ec. 1^s " 0.3^s, " 1^s " 0.3^s, " 7.1^s	39	11	White stone tower; 20	
	— Vela Lika Bay:						
24090 *E 3454*	— — Kamenjak Islet, S. side. U.	42 58 16 39	**Gp. Fl. R. (2)** period 6^s Cp. under 100	32	6	Hexagonal masonry tower; 23.	Partially obscured 163° 233°.
24100 *E 3458*	— — Vranac Point U.	42 58 16 42	**Fl. R** period 2^s fl 0.3^s, ec. 1.7^s Cp. under 100	24	8	Iron column on hut; 19	Visible 11°–101°.
24110 *E 3460*	— — W. head of pier U.		**F. G** Cp. under 100	19	3	Iron column; 17	
24120 *E 3452*	— **Proizd Point,** off W. end of island. U.	42 59 16 36	**Fl. W** period 3^s fl. 0 3^s, ec. 2.7^s Cp. 1,000	38	11	Square masonry tower; 27.	Partially obscured by land 229°–290°.
24130 *E 3538*	**Sušac**	42 45 16 29	**Gp. Fl. W. (2)** period 15^s fl. 0.5^s, ec. 2.0^s " 0.5^s, " 12.0^s Cp. 17,000	308	24	Square tower on dwelling, red and white stripes; 66.	Visible 253°–213°. Distress signals. Reserve light visible 9 miles.

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
24140 *E 3545*	LASTOVO ISLAND: — Stravena Luka	N. E. 42 44 16 53	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	25	8	Gray iron tower with mast; 19.	
24150 *E 3544*	— Rt Struga	42 43 16 53	**Fl. W** period 10^{s} fl. 0.6^{s}, ec. 9.4^{s} Cp. 16,000	342	25	White cylindrical tower on dwelling; 56.	Visible 259°–95°. Signal station.
24160 *E 3550*	— Sv. Mihajlo, NW. head of wharf.	42 46 16 54	**F. R** Cp. 22	23	4	Red iron column; 15	
24170 *E 3548*	— Luka Vilji Lago, SE. point of islet Prežba.	42 45 16 49	**Fl. — W. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. W. 300, R. 54.	59	W. 12 R. 7	Cylindrical concrete hut; 26.	W. 23°–45°; obscured–67°; W. 84°; obscured–235°; R.–23°.
24180 *E 3546*	— Ubli (Sv. Petar) SE. extremity of port.	42 45 16 50	**Fl. R** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	26	8	Red iron tower on post; 23.	
24182 *E 3552*	— Otocić Pod Mrcaru, center of islet.	42 47 16 46	**Gp. Fl. W. (2)** period 6^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 4^{s}	58	13	White cylindrical iron tower with post and gallery on concrete base; 22.	
24190 *E 3554*	**Lagostini Islands** on Glavat Island.	42 46 17 09	**Gp. Fl. W. (3)** period 24^{s} fl. 0.5^{s}, ec. 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 17.5^{s} Cp. 9,500	149	18	Octagonal masonry tower on dwelling; 84.	Visible 120°–70°. Signal station. Reserve light visible 9 miles.
24200 *E 3536*	MELEDA (MLJET) ISLAND: — Palazzo (Kula), off N. side of island, E. entrance to Palače Harbor. **U.**	42 47 17 26	**Fl. W** period 1.5^{s} fl. 0.3^{s}, ec. 1.2^{s} Cp. under 100	39	8	Red iron column; 13	
24210 *E 3540*	— Sobra Harbor, Pusta Point. **U.**	42 45 17 37	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. 300	47	10	White octagonal concrete tower; 26.	Visible 156°–43°.
24220 *E 3556*	ZULJANA BAY: — Trstenik, head of mole. **U.**	42 55 17 24	**F. R** Cp. under 100	17	3	Red iron column; 15	
24230 *E 3558*	— Zuljana, head of mole	42 53 17 27	**F. G**	17	2	White iron framework pyramidal structure;	Obscured 15°–105°.
24240 *E 3560*	— **Lirica Islet** **U.**	42 52 17 26	**Fl. W** period 10^{s} fl. 4^{s}, ec. 6^{s} Cp. 1,000	112	16	Gray cylindrical tower, 45.	Visible 293°–233°.
24250 *E 3542*	Olipa Island, S. end	42 46 17 47	**Gp. Fl. W. (2)** period 5^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 3.4^{s}	103	16	White masonry tower SW. of dwelling; 36.	Visible 253°–104°.
24252 *E 3562*	Tajan Islet, NW. extremity of island.	42 46 17 47	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	30	7	White iron tower, post; 18.	Visible 68°–268°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			YUGOSLAVIA				
	STAGNO GRANDE (STON VELIKI) CHANNEL:	N. E.					
24260 *E 3574*	— Grbljava Point	42 47 17 47	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 1,000	136	14	Red iron framework structure, dwelling; 23.	
24270 *E3570*	— Broce, head of mole. U.	42 49 17 43	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	20	4	Red iron tower and post; 16.	
24280 *E3566*	— Beacon U.	42 49 17 42	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	10	3	Red frame hut	
24290 *E3568*	— Ston (Stona), head of mole.	42 50 17 42	**Fl. R** Period 3$_s$ fl. 0.3^s, ec. 2.7^s	20	4	Red iron tower, and post.	
24298 ***E3575***	Doli, head of mole	42 49 17 48	**Fl. R** period 3^s	20	5	Red iron tower with post; 18.	
24300 *E 3580*	Slano, on Dolnja Point, entrance to port.	42 46 17 52	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	52	7	Corner of dwelling; 13	
24310 *E 3582*	— On quay		**F. R**	15	2	Iron column; 14	
24320 *E3576*	Sipan Island, Tiha Point.	42 45 17 51	**Gp. Fl. W. (2)** period 8^s fl. 0.3^s, ec. 0.5^s " 0.3^s, " 6.9^s	46	12	Pylon on white iron hut; 36.	Visible 117°–303°.
24330 *E 3578*	Luka, Sipan Island, head of landing mole. U.	42 44 17 52	**F. R** Cp. under 100	18	3	Iron column; 17	
24340 *E 3590*	**Sveti Andrija Islet,** summit.	42 39 17 57	**Fl. W** period 15^s fl. 0.8^s, ec. 14.2^s	226	22	Square tower on dwelling; 56.	
	LOPUD ISLAND:						
24350 *E 3592*	— Lopud, molehead, W. side of island.	42 41 17 57	**F. R**	15	4	Iron column; 16	
24352 ***E3595***	Kolocep	42 39 18 02	**Gp. Fl. R. (3)** period 10^s fl. 0.5^s, ec. 1^s " 0.5^s, " 1^s " 0.5^s, " 6.5^s	59	8	White stone tower; 20	
24360 *E3596*	Bat Point, W. entrance to Zaton Harbor.	42 41 18 03	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	62	8	White iron tower, red post; 20.	
24370 *E 3598*	— (Grebeni) Rocks summit of W. rock.	42 39 18 03	**Gp. Fl. W. (3)** period 7^s fl. 0.3,^{s} ec. 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 4.1^s	87	15	Square tower on dwelling; 41.	
	PORT GRAVOSA (GRUZ):						
24380 *E 3600*	— Daksa Island, N. end.	42 40 18 03	**Fl. W** period 6^s fl. 1^s, ec. 5^s	64	10	Octagonal masonry tower; 40.	Obscured 295°–5°.
24390 *E 3604*	— Makosica, near point.	42 40 18 05	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	20	6	Iron column on white concrete tower; 17.	
24400 *E 3602*	— Cantafico (Kantafik) Point. U.	42 40 18 05	**Fl. R** period 1.5^s fl. 0.3^s, ec. 1.2^s	25	4	Green iron structure; 23.	Visible 342°–181°.
24410 *E 3602.1*	— Head of new mole, San Croce Monastery. U.		**F. R** Cp. under 100	22	3	Iron column; 17	

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No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
24420 *E 3610*	Dubrovnik, head of mole. U.	N. E. 42 38 18 07	Fl. R period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	32	8	Gray iron tower; 25	Obscured 327°–357°. *Unreliable in heavy weather.*
24430 *E 3612*	— Head of post office mole. U.		F.—W. G Cp. under 100	17	W. 2 G. 1	Iron column; 13	G. 254°–305°, W.–254°.
24437	Srebreno	42 37 18 13	Fl. R period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	20	5	Red iron tower with post; 18.	
24438	Meini, head of breakwater.	42 37 18 13	F. G	20	4	White iron post; 11	
24439	Cavtat Shoal, at the approach to Cavtat.	42 35 18 13	Fl. R period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	26	6	White pyramidal stone tower; 21.	
24440 *E 3614*	Cavtat, about 400 yards S. of extremity of Sveti Roko Point. U.	42 35 18 13	F.—W. R. G Cp. under 100	33	W. 7 R. 5 G. 2	Iron column; 16	W. 53°–83°, R.–110°, W.–129°, G.–158°, obsc. elsewhere.
24450 *E3616*	Mali Molunat U.	42 27 18 27	Fl. W period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. under 100	33	11	White iron framework structure on concrete hut; 23.	
24452 *E3618*	Molunat Island	42 27 18 26	Gp. Fl. W. (3) period 8^{s} fl. 0.5^{s}, ec. 0.5^{s} " 0.5^{s}, " 0.5^{s} " 0.5^{s}, " 5.5^{s}	112	16	White iron tower; 13	
24460 *E 3620*	KOTOR ENTRANCE: — **Point Ostri,** W. side of entrance.	42 24 18 32	Gp. Fl. W. (2) period 10^{s} fl. 2^{s}, ec. 2^{s} " 2^{s}, " 4^{s} Cp. 1,300	236	20	Red iron pyramidal framework structure; 34.	Signal and telegraph station.
24470 *E 3622*	— Lastavica, Fort Mamula, E. side of entrance to gulf. U.	42 24 18 34	Fl. R period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. under 100	113	8	Red masonry tower; 14	
24475 *E3623*	— Rose, W. end of quay, about 1.6 miles 141° from Hercegnovi Light.	42 26 18 34	F. G	16	2	White iron post; 15	
24480 *E3624*	— Hercegnovi, Topla Bay, head of S. mole. U.	42 27 18 32	Fl. G period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	31	5	Quadrangular stone obelisk; 23.	
24490 *E 3626*	— Meljine, head of the mole. U.	42 27 18 34	Fl. W period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	25	6	White iron tower; 21	Visible 281°–35°.
24500 *E 3628*	— Zelenika, NW. corner of Quay. U.	42 27 18 34	Fl. R period 1.5^{s} fl. 0.3^{s}, ec. 1.2^{s} Cp. under 100.	30	4	Iron post on concrete hut; 28.	Visible 315°–135°. *Unreliable during NE. gales.*
24510 *E 3632*	— Tivat Bay: — — Denovici, head of breakwater, N. side of Kumbor Channel. U.	42 26 18 36	Fl. R period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	45	6	Gray iron tripod; 6	
24520	— — — N. side Kumbor Channel, head of mole.		F. G	16	2	Iron post	
24522 *E3633*	— — Pristan	42 25 18 36	Fl. G period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	22	5	White cylindrical iron tower; 21.	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	KOTOR ENTRANCE: — Tivat Bay:	N. E.					
24530 *E 3634*	— — Lazarovic (Baosic), on quay.	42 26 18 38	F. R	15	2	Gray iron column; 14	
24536	— — Donji Krasici, on mole.	42 24 18 40	F. G	16	2	White post; 15	
24540 *E 3636*	— — Oko Harbor, E. side of entrance.	42 24 18 40	F. R	18	4	Iron support	Obscured 216°–245° over Tanjola Shoal.
24542 *E 3646*	— — Pee, S. corner of quay.	42 24 18 41	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	23	4	White iron tower with post; 18.	
24547 *E 3637*	— — W. spit, at entrance to Kaliman Cove.	42 26 18 42	F. R	20	5	Roof of masonry dwelling; 18.	
24550 *E 3638*	— — Outer end of Mole No. 1, Arsenal Entrance.	42 26 18 42	**Fl.—W. R** period 3^s fl. 0.3^s, ec. 2.7^s	26	W. 8 R. 5	Gray iron tower; 23	R. 140°–167°, W.–140°. A F. R. light is shown on quay S. of arsenal.
24560 *E 3640*	— — Zeljanovo Point	42 26 18 41	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	16	5	White stone pyramidal tower; 20.	
24570 *E 3642*	— — Outer end of Mole No. 2. **U.**	------	2 F. W. (vert.)	24 18	2	Red iron tripod tower	
24580 *E 3644*	— — Outer end of Mole No. 4.	--	F. R	21	3	Red iron post; 16	
24590 *E 3648*	— — Bijela, head of mole.	42 27 18 40	F. R	16	2	Iron column; 15	
24600 *E 3647*	— Donja Lastva Quay	42 27 18 41	F. R	22	2	Iron column	
24610 *E 3652*	— — Sveti Nedelja Point. **U.**	42 28 18 41	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	24	5	Red iron tower; 22	
24620 *E 3654*	— — Opatovo Point, E. side of Verige Channel. **U.**	42 28 18 41	**Fl. G** period 2^s fl. 0.3^s, ec. 1.7^s	30	4	White stone tower; 26	
24630 *E 3656*	— Kamenari, head of mole. **U.**	42 28 18 40	F. R	19	4	Iron post; 15	
24640 *E 3655*	— Lepitane, head of mole.	42 28 18 41	F. G	20	3	White post; 16	
24650 *E 3658*	— Turski Rt, NW. point of Verige Channel. **U.**	42 29 18 41	**Gp. Fl. W. (2)** period 5^s fl. 0.3^s, ec. 1^s " 0.3^s, " 3.4^s	28	8	Red conical iron tower; 26.	
24652 ***E 3660***	**— Gospa Rt, about 0.16 mile 113° from Turski Light.**	-------	**Fl. G** **period 3^s** **fl. 0.3^s, ec. 2.7^s**	**23**	**4**	**White iron construction on concrete block; 21.**	
24655 *E 3663*	— Kostanjica, head of pier.	42 29 18 40	F. R	15	3	Red steel structure; 13	
24660 *E 3662*	— Morinj, E. corner of landing place.	42 29 18 39	F. G	13	2	White iron column; 12	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	YUGOSLAVIA						
	GULF OF KOTOR:	N. E.					
24670 *E 3664*	— Perast, on quay U.	42 29 18 42	**F. R** Cp. under 100	16	2	Red iron column; 14	Visible 304°–124°.
24680 *E 3668*	— Risan, head of mole U.	42 31 18 42	**Fl. G** period 3^s	21	4	White iron tower; 19	
24690 *E 3666*	— Stoliv, head of mole	42 28 18 43	**F. G**	16	2	White iron column; 15	
24700 *E 3670*	— Sveti Stasij, E. side of gulf. U.	42 28 18 46	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	20	6	White iron tower with mast; 20.	
24710 *E 3674*	— Prcanj, about ½ mile NW. of town.		**F. G**	16	1	Iron framework structure; 15.	
24720 *E 3676*	— — Rotakovo, Zbutega Point. U.	42 27 18 46	**Fl. G** period 5^s fl. 0.3^s, ec. 4.7^s Cp. under 100	26	6	Gray iron tower with post; 23.	
24730 *E 3678*	— Muo, head of mole		**F. G**	14	1	Iron framework structure; 12.	
24740 *E 3682*	— Kotor, NW. end of pier. U.	42 25 18 46	**Fl. R** Cp. under 100	26	5	Iron column; 23	
24745 *E 3680*	— Sveti Matija, on pier. U.	42 27 18 46	**F. R**	15	2	Red iron column; 14	
24746	**— Bigova**	**42 21 18 41**	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	24	4	Red cylindrical tower and post; 19.	
24747 ***E3684***	Rt Traste, E. entrance to Zaliv Traste.	42 21 18 41	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	30	8	White iron framework tower; 21.	Visible 10°–278°.
24748 ***E3685***	Rt Platamon	42 16 18 48	**Fl. W** period 6^s fl. 1^s, ec. 5^s	105	15	White stone tower, round column and gallery; 31.	
24750 *E 3686*	**Sveti Nikola Island**, SE. point.	42 16 18 52	**Gp. Fl. W. (3)** period 10^s fl. 0.3^s, ec. 0.9^s " 0.3^s, " 0.9^s " 0.3^s, " 7.3^s	75	8	SE. corner of dwelling; 10.	Visible 248°–113°.
24760 *E 3688*	Budva, head of mole U.	42 17 18 51	**F.— R. G** Cp. under 100	16	R. 3 G. 2	Gray iron post; 13	G. 273°–9°. W. elsewhere.
24770 ***E3687***	— Range, 1,290 yards from cathedral spire, front.	42 17 18 51	**F. R**	22	2	Pyramidal iron tower; 14.	Range lights.
24770.1 ***E3687.1***	— — Rear, about 50 yards, 13° from front.		**F. R**	15	2	Pyramidal iron tower; 14.	
24774 ***E3688.5***	Petrovac	42 12 18 56	**F. R**	55	5	Red iron post; 15	
24780 *E 3690*	**Volovica Point**, S. side of Bar Road.	42 05 19 04	**Fl. W** period 3^s fl. 1^s, ec. 2^s	102	16	Gray octagonal concrete tower; 23.	
24800 *E 3696*	Rt Mendre	41 57 19 09	**Fl. W** period 10^s	111	16	Gray octagonal concrete tower, square base; 23.	
24810 *E 3698*	Ulcinj, on old fort	41 55 19 12	**Fl. W** period 2^s fl. 0.3^s, ec. 1.7^s	88	12		

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		ALBANIA					
		N. E.					
24818 *E 3708*	Shengjin	41 49 19 35	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	59	7	White concrete column.	
	GULF OF DRIN:						
24820 *E 3710*	— Cape Rodonit	41 35 19 27	**Fl. R** period 5^s fl. 0.5, ec. 4.5^s	213	5	Pylon; 10	
	DURRES BAY:						
24828 *E 3711*	— **Durres,** on Durres Villa.	41 19 19 26	**Occ. W** period 3^s lt. 1.5, ec. 1.5	351	18	Dark red four storied house; 89.	
24830	— *Durres Bank Lighted Buoy.*	41 17 19 27	**Fl. G** period 12^s	----	----	Red buoy	
24840 *E 3712*	— Head of S. mole	41 18 19 27	**Fl. R** period 4^s fl. 0.5^s, ec. 3.5^s	29	2	Gray concrete tower; 23.	
24850 *E 3714*	— Head of E. breakwater.	------	**Fl. G** period 2.5^s fl. 0.5^s ec. 2^s	33	4	Masonry beacon	
24860 *E 3719*	— Cape Laghi	41 09 19 26	**Fl. W** period 8^s fl. 1^s, ec. 7^s	295	12	Green pyramidal structure; 15.	
24868	Sazan Island, on W. coast.	40 30 19 17	**Fl. W** period 8^s fl. 2.5^s, ec. 5.5^s	653	10	White tower and dwelling; 43.	Visible 340°–197°.
	VALONA BAY:						
24870 *E 3732*	— Karloveeit (Garloves Point), S. side of entrance.	40 26 19 19	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	66	5	White rectangular pylon, black stripe; 23.	Visible 95°–290°.
24880 *E 3728*	— Batteria Point, E. side of Valona Bay.	40 25 19 29	**Fl. W** period 3^s fl. 0.5^s, ec. 2.5^s	164	6	White rectangular pylon, black stripe; 26.	
	PORT PALERMO:						
24890 *E 3736*	— Kavadonit Point	40 03 19 46	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	62	7	White rectangular pylon; 23.	
24892	Kefali	39 55 19 56	**Fl. W** period 3^s fl. 0.5^s, ec. 2.5^s	469	6	Green rectangular pylon; 10.	
24894	Sarande, on Palada Point.	39 52 20 00	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	23	5	White rectangular pylon; 10.	
24896	Cuke	39 51 20 01	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	62	3	White pylon; 23	
		GREECE—WEST COAST AND IONIAN ISLANDS					
24900 *E 3738*	**Fano Island,** on Kastri Point.	39 51 19 26	**Fl. W** period 10^s	338	25	Iron tower, masonry base; 10.	Visible 106°–40°.
24902 *E 3739*	— SW. point	39 50 19 23	**Gp. Fl. W. (2)** period 6^s	72	11		Visible 276°–116°.

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
GREECE—WEST COAST AND IONIAN ISLANDS							
		N. E.					
24903 *E3742*	Petamopoli, E. side Erikousa Island.	39 53 19 36	**Gp. Fl. W. (3)** period 15^s	148	11	Iron framework structure and tower; 16.	Visible 141°–41.°
	CORFU ISLAND: — North Channel:						
24910 *E3750*	— — Tignoso Islet	39 47 19 58	**Fl. R** period 4^s fl. 0.3^s, ec. 3.7^s	98	7	White circular tower, dwelling; 33.	
24912 *E3754*	— — Barbar Point	39 47 19 57	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	33	6	Round iron tower with framework obelisk; 16.	
24920 *E3756*	—— **Cape Sidero,** citadel.	39 37 19 57	**Gp. Fl. W. (2)** period 6^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 4.2^s	249	14	Cylindrical masonry tower; 13.	Visible 112°30′–045°. Reserve light shows F. R. from entrance to citadel moat. Six F. R. lights are shown from two radio masts 1.6 mi. 238°.
24930 *E3760*	— — NW. head of the breakwater. U.	39 38 19 56	**Qk Fl. R**	26	5	Concrete column	
24932 *E3761*	— — E. head of outer breakwater.		**Qk. Fl. G**	30	5		
24940 *E 3758*	— — Landing place. U.		**F. R** Cp under 100	30	6	Red iron column; 23	
24950 *E 3774*	— —, Vido Island, S. point. U.	39 38 19 57	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	39	6	Iron obelisk; 23	Visible 209°–103°. A F. R. reserve light from pier westward.
24960 *E3775*	— — Windmill Point, about 0.7 mi. 184° from Cape Sidero Light.	39 37 19 55	**F. R**	16	2	Concrete pillar	
24970 *E3772*	— — Theotoki Wharf		**F. G**	16	2	Concrete pillar	
	— South channel:						
24980 *E3776*	— — Lefkimo Point, near N. extremity of point. U.	39 28 20 06	**Fl. R** period 3.6^s fl. 0.3^s, ec. 3.3^s	30	9	Hut, framework obelisk.	Visible 46°–332°. A. F. W. light is shown from the head of Lefkimo Bay Breakwater.
24985 *E3779*	— Lugadia Rocks U.	39 25 19 55	**Gp. Fl. W. (3)** period 14^s	55	11	Iron framework pyramid; 8.	Visible 290°–145°.
24990 *E3780*	— Akrotivion Kosteri (Alipa) point.	39 40 19 43	**Fl. G** period 3^s	79	5		
25000 *E 3748*	— Cape Arilla U.	39 42 19 40	**Fl. W** period 7.5^s fl. 2.5^s, ec. 5^s Cp. under 100	98	8	White iron column	Visible 269°–132°.
25010 *E 3782*	Saiada Bay, NW. entrance point. U.	39 37 20 12	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	23	9	White iron column, concrete base.	Visible 336°–130°. A F. R. light is shown from head of customs mole.

GREECE—WEST COAST AND IONIAN ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
25015 *E 3783*	Prasudi Island	39 30 20 11	**Gp. Fl. W. (2)** period 9^s	36	9	White conical structure; 8.	Visible 175°–68°.
25020 *E 3784*	PORT GOMENIZZA: — Cape Kudromurto, S. side of entrance to port. **U.**	39 30 20 14	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 200	45	9	White iron column, concrete base.	Visible 83°–283°. A F. W. light at Gomenizza is maintained locally.
25028 *E 3785*	Mourton, on pier	39 24 20 14	**Fl. W** period 1.5	23	7	Round iron tower with framework obelisk; 16.	Visible 91°–176°.
25030 *E 3786*	**Sivota Island,** E. side of S. channel entrance.	39 24 20 13	**Gp. Fl. W. (3)** period 20^s	286	20	White tower, dwelling.	Visible 313°–236°.
25040 *E 3788*	Port Parga, on point SW. of town. **U.**	39 17 20 25	**Gp. Fl. W. (2)** period 6^s fl. 0.3^s, ec. 1.4^s " 0.3^s, " 4.0^s	79	10	White iron column, concrete base; 13.	Visible 269°–60°.
25050 ***E 3792***	Port Laka, Paxo Island	39 14 20 09	**Gp. Fl. W. (2)** period 30^s fl. 0.7^s, ec. 7 6^s " 0.7^s, " 21^s	214	**22**	--------------------	Visible 000°–257°
25053 *E3794*	Madonna Island	39 12 20 13	**Fl.—W. G** period 3^s fl. 0.3^s. ec. 2.7^s	85	W. 10 G. 7	White square masonry tower, dwelling; 26.	W. 135°–257°, G.–277°, W.–325°, obsc.–135°, except a faint W. light visible in Port Gayo. **F. R.** light at head of S. mole; **F. G .** light at head of N. mole; entrance to Port Gayo.
25060 *E 3796*	**Antipaxos Island,** on Novara Point, SE. end.	39 08 20 16	**Occ.—W. R** period 6^s lt. 4^s, ec. 2^s Cp. W. 600, R. 100	136	W. 13 R. 9	Square masonry tower, dwelling; 39.	W. 136°–167°, R.–185°, W.–307°, R.–37°, W.–60°, obscured elsewhere. Reserve light F.,—W., R.
25070 *E 3830*	Mitika Point, Gomaros Bay.	39 00 20 42	**Fl.—W. R** period 3^s fl. 0.3^s, ec. 2.7^s	49	W. 12 R. 10	Iron framework column; 16.	W. 343°–26°, R.–129° W.–144°.
25080 *E 3826*	PREVEZA STRAIT: — Entrance Range, near Fort Aktion, front.	38 56 20 47	**F. W**	13	9	Above window of dwelling.	Range lights.
25080.1 *E 3828*	— — Rear, about 750 yards 66° from front.	-------	**F. W**	23	9	Iron post, gallery and ladder.	The outer end of the dredged channel is marked by a buoy showing Fl. W.
25090 *E 3822*	— Fort Nuovo Shoal, E. side. **U.**	38 58 20 46	**Fl. R** period 3^s	12	6	White iron tower, red band, white base.	Visible 248°–17°.
25100 *E 3818*	— Akri Point **U.**	38 57 20 46	**Fl. W** period 7.5^s fl. 2.5^s, ec. 5^s	13	7	White iron beacon; 10.	Visible 18°–156°.

GREECE—WEST COAST AND IONIAN ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PREVEZA STRAIT:	N. E.					
25110 *E 3816*	— Akri Bank, N. limit of shoal. U.	38 57 20 46	Fl. G period 7.5^{s}	13	4	White iron tower, green band, white base; 10.	Visible 78°–275°.
25120 *E 3824*	— Preveza, 280 yards 157° from St. Andreo Minaret.	38 57 20 45	F. R	29	5	Red iron column; 20	Visible 254°–348°.
	GULF OF ARTA (AMVRAKIKOS KOLPOS):						
25130 *E 3814*	— Cape Skara (Akr. Laskara). U.	38 57 20 49	Gp. Fl. R. (2) period 6^{s} fl. 0.3^{s}, ec. 1.4^{s} " 0.3^{s}, " 4.0^{s}	39	9	White iron column; 19	Visible 246°–103°.
25140 *E3802*	— Salaroa, Fort Turque. U.	39 02 20 52	Fl. R period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	30	5	Iron tower with column; 16.	Visible 262°–95°.
25150	— *Palmatero Shoal Lighted Buoy.*	38 59 21 00	Fl. R period 4.5^{s}	10	6	Red cylindrical buoy	
25160 *E 3798*	— Port Kopraina, Araklo Point.	39 01 21 04	Fl.—W. R period 10^{s} fl. 2^{s}, ec. 8^{s}	33	W. 8 R. 5	Cylindrical masonry tower on dwelling; 29.	W. 169°–349°, R.–169°. Reserve light **F.—W. R.**
25170 *E 3812*	— Kervsara Bay on Point Phane.	38 54 21 09	Fl. G period 1.5^{s}	55	6		Visible 121°–329°.
25180 *E 3804*	— Cape Dervissi Point U.	38 54 21 08	Fl. W period 10^{s} fl. 2.5^{s}, ec. 7.5^{s} Cp. under 100	36	8	Iron column on hut; 16.	Visible 74°–275°.
25190 *E3808*	— Vonitsa, head of jetty.	38 55 20 53	Fl. G period 1.5^{s}	23	5	Iron tower with column; 16.	Visible 92°–276°.
25200 *E 3806*	— Cape Panagia (Panayhia). U.	38 57 20 52	Fl. G period 7.5^{s} fl. 2.5^{s}, ec. 5^{s} Cp. under 100	19	5	White iron beacon; 10	Visible 66°–286°.
	LEVKAS ISLAND:						
25210 *E 3832*	— Citadel, N. battlement.	38 50 20 44	Gp. Fl. (2) — W. R. period 12^{s} fl. 0.4^{s}, ec. 2^{s} " 0.4^{s}, " 9.2^{s} Cp. W. 600, R. 100	57	W. 13 R. 10	White square masonry tower on dwelling; 19.	R. 75°–120°, W.–255°, obscured elsewhere.
25220 *E 3834*	— Levkas Canal, head of N. mole	38 51 20 44	Fl. G period 1.5^{s}	22	6	Iron structure and hut; 16.	
25230 *E 3835-5*	— Sesola Rock	38 42 20 32	Fl. W period 4.5^{s}	121	12	Iron tower and mast; 13	
25240 *E3836*	— **Cape Dukato**	38 34 20 34	F. Gp. Fl. W. (3) period 30^{s} fl. 0.5^{s}, ec. 5.5^{s} " 0.5^{s}, " 5.5^{s} "0.5^{s}, " F. 17.5^{s}	229	23	Concrete tower on W. side of house; 49.	Visible 246°–174°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

GREECE—WEST COAST AND IONIAN ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LEVKAS ISLAND:	N. E.					
25244 *E 3838*	— Vasilikes, about 8 yards from end of breakwater.	38 38 20 36	**F. G**	16	3	Concrete column	Visible 029°–316°.
25260 *E 3840*	— — Port Atheni, Elia Point.	38 40 20 49	**Gp. Fl.—W., R. (2).** period 8^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 5.5^s	38	W. 9 R. 6	Iron tower; 16	Red 70°–165°, W.–19°, obscured elsewhere.
25270 *E 3842*	— Nisis Volios, Port Drepano, NE. side.	38 47 20 45	**Fl. — R. G** period 1.5^s	26	R. 7 G. 6	White masonry column; 13.	R. 293°–335°, G.–281°.
25275 *E 3844*	— — Point Kephali	38 45 20 45	**Fl. W** period 4^s fl. 0.4^s, ec. 3.6^s	36	8	Iron tower and mast; 13	Visible 292°–162°.
25280 *E 3850*	Zaverda (Palarros), head of mole.	38 47 20 53	**Fl. G** period 1.5^s	26	6	Iron column on hut, concrete base; 16.	
25290 *E 3852*	Cape Kamilafka	38 40 20 55	**Gp. Fl. W. (3)** period 9^s fl. 0.5^s, ec. 0.8^s " 0.5^s, " 0.8^s " 0.5^s, " 5.9^s	75	8	Iron tower; 16	
25292 *E 3853*	Point Mitika	38 40 20 57	**Fl. W** period 1.5^s	23	7	Round iron tower, framework obelisk; 16.	Visible 278°–149°.
25295 *E 3854*	Kalamos Island	38 39 20 58	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 7.5^s	46	9	Iron obelisk, concrete base; 16.	Visible 112°–338°.
25297 *E 3855*	— — E. coast	38 37 20 56	**Fl. R** period 2^s fl. 0.2^s, ec. 1.8^s	26	4	Concrete column, building; 20.	
25300 *E 3846*	Formikoula Islet, on small islet close southeastward. **U.**	38 33 20 52	**Fl.—R. W** period 3^s fl. 0.3^s, ec. 2.7^s	56	W. 11 R. 9	White iron tower, red band, concrete base; 10.	W. 180°–360°, R.–180°.
25310 *E 3896*	Kaloveros Island, N. side of Dragonera Islands. **U.**	38 29 21 03	**Fl. W** period 3.5^s fl. 0.2^s, ec. 3.3^s Cp. W. 400, R. 100	138	11	White iron tower, concrete base; 13.	Visible 83°–316°.
25314 *E 3902*	Pondikonisos Island, W. extremity. **U.**	38 27 21 04	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	42	7	Column; 13	Visible 332°–186°.
25316 *E 3904*	Aspro Point	38 23 21 07	**Fl. W** period 2^s fl. 0.2^s, ec. 1.8^s	39	8	Iron tower and mast; 13	Visible 242°–140°.
25320 *E 3906*	Kouneli Islet, Echinades Islands. **U.**	38 21 21 04	**Fl. R** period 4^s fl. 0.2^s, ec. 3.8^s Cp. 200	91	9	White iron tower, concrete base; 9.	
25330 *E 3908*	Cape Oxia, S. end of Oxia Island.,—— **U.**	38 17 21 07	**F.—Fl. W** period 15^s lt. 7.3^s, ec. 3.5^s " 0.7^s, " 3.5^s	233	23	Gray circular stone tower, stone dwelling; 26.	Visible 260°–140° .

GREECE—WEST COAST AND IONIAN ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
	ITHACA ISLAND (NISOS ITHAKI):						
25340 *E3866*	— Aitos Point, W. side of island. **U.**	38 21 20 41	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	65	7	White tower, masonry base; 10.	
25350 *E 3858*	— Agios Nikolo Point, NE. side of island. **U.**	38 29 20 41	**Gp. Fl. W. (3)** period 15^s fl. 0.2^s, ec. 1.3^s " 0.2^s, " 1.3^s " 0.2^s, " 11.8^s	46	12	White iron beacon on square hut; 16.	Visible 147°–335°.
25360 *E3860*	— Port Vathi, Andrea Point.	38 23 20 43	**Fl. W** period 3^s	79	8	White structure	
25365 *E3861*	— Katzurbonisi, N. extremity of island.	38 23 20 43	**Fl. G** period 4^s fl. 0.3^s, ec. 3.7^s	29	5	Iron tower on column; 13.	Visible 018°–322°.
25370 *E3862*	— Near prison	38 22 20 42	**Qk. Fl. G**	26	4	Hut, concrete column; 20.	
25380 *E 3864*	Iganni Point (Akr. Ay. Ioannis). **U.**	38 19 20 47	**Gp. Fl. W. (2)** period 12^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 10.2^s	39	12	Iron tower; 16	
	CEPHALONIA (KEFALLINIA) ISLAND:						
25390 *E3876*	— Guiscardo Point, N. end of island.	38 28 20 36	**Fl. W** period 3^s fl. 0.3,^{s} ec. 2.7^s	82	11	Square masonry tower; 46.	Obscured by land on bearings to eastward of 155°.
25400 *E3874*	— Port Agias Euphemia, head of mole. **U.**	38 18 20 36	**Qk. Fl. G** 60 fl. per min.	23	5	Iron tower; 17	
25410 *E 3872*	— Samos (Sami), head of mole.	38 15 20 39	**Fl. R** period 1.5^s	30	5	Concrete column; 20	
25420 *E 3870*	— Cape Dekhalia, E. side of island.	38 17 20 41	**Gp. Fl. R. (2)** period 8^s fl. 0.3^s, ec. 1.4^s fl. 0.3^s, ec. 6^s	59	7	Masonry beacon with two iron columns; 29.	
25426 ***E3869***	— Cape Kapri	38 07 20 49	**Gp. Fl. (3) W.R.** period 9^s fl. 0.3^s, ec. 1.5^s " 0.3^s, " 1.5^s " 0.3^s, " 5 1^s	72	W. 11 R. 7	Round iron tower with framework obelisk; 16.	W. 190°–354°, R.–17°.
25428 ***E3868***	— Cape Katelios	38 04 20 45	**Gp. Fl. (2) W.R.**	262	W. 11 R. 7	Round iron tower with framework obelisk; 16.	R. 262°–292°, W.–100°.
25430 *E3882*	— **Vardhianoi Island,** entrance to Port Argostoli.	38 08 20 26	**Gp. Fl. (2)—W. R.** period 7.5^s	40	W. 9 R. 6	Cylindrical tower; 29	R. 200°–215°, W.–90°, R.–107°, obsc.–200°.
25440 *E3890*	— Argostoli, on Akr. Ay Theodoros.	38 11 20 28	**Fl. W** period 3^s fl. 0.3^s, ec. 2 7^s	16	8	Framework structure	Visible 352°–213°.
25450 *E 3892*	— — E. edge of shoal **U.**		**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	16	8	White obelisk, masonry base.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREECE—WEST COAST AND IONIAN ISLANDS						
	CEPHALONIA (KEFALLINIÁ) ISLAND:	N. E.					
25455 *E3884*	—Lixuri, S. mole head. **U.**	38 12 20 26	**Fl. R.** period 1.5^s Cp. under 100	23	6	----------	
25470 *E3880*	**Cape Gheroghambo (Akr. Yerongombos)**, SW. point of island.	38 11 20 21	**Alt. Gp. Fl. (4) W.R.** period 10$_s$ fl. W. 0.2^s, ec. 1^s " " 0.2^s, " 3.6^s " R. 0.2^s, " 1^s " " 0.2^s, " 3.6^s	161	20	Square masonry tower, dwelling; 51.	Obscured when bearing more than 151°.
	ZANTE ISLAND (N. ZANKINTHOS):						
25480 *E 3984*	— **Cape Skinari,** N. point of island.	37 56 20 42	**Fl. W.** period 1.5^s fl. 0.4^s, ec. 1.1^s Cp. 5,800	216	21	Cylindrical masonry tower, dwelling; 33.	Visible 62°–311°.
25490 *E 3986*	— Cape Krionero, E. side of island.	37 48 20 54	**Gp. Fl. W. (2)** period 16^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 12.5^s	75	11	Square concrete tower; 23.	Visible 131°–359°.
25500 *E3988*	— **Zante, head of mole**	37 47 20 54	**F. G.** **period 1.5^s** **Cp. under 100**	**28**	**6**	**Iron column on house; 15.**	
25505 *E3990*	— **Cape Keri**	37 39 20 49	**Gp. Fl. W. (4)** period 15^s fl. 0.3^s, ec. 0.9^s " 0.6^s, " 0.9^s " 0.3^s, " 5.7^s " 0.6^s, " 5.7^s	607	20	Cylindrical tower on dwelling; 30.	
25510 *E 3996*	**Cape Glarenza (Akr. Killini)**, Kaufkalida Islet.	37 57 21 07	**Occ. — W. R.** period 5^s lt. 3.5^s, ec. 1.5^s	62	W. 13 R. 9	Square masonry tower, dwelling; 49.	W. 16°–66°, R.–83°, W.–211°, obsc. elsewhere. Reserve light F., — W., R.
	GULF OF PATRAS (PATRAIKOS KOLPOS):	———					
25520 *E 3910*	— **Cape Papas** extremity of Kalogria Spit, S. side of gulf.	38 13 21 23	**Gp. Fl. R. (2)** period 14^s fl. 1.5^s, ec. 3^s " 1.5^s, " 8^s	56	13	Iron skeleton structure.	Visible 10°–267°.
25530 *E 3912*	— Sosti Island SE. point entrance to Lake Misslonghi.	38 19 21 22	**Occ., — W., R.** period 5^s lt. 4^s, ec. 1^s	39	W. 12 R. 8	White cylindrical masonry tower; 37.	R. 293°–10°, W.–59°, obsc.–198°, W.–203°, obsc. elsewhere. Reserve light F. W. *Visibility may be considerably reduced during the summer.*
25535	— Mesolonhion Channel.	38 **19** 21 25	----------	----	----	----------	Fl. R. and Fl. G. lights mark channel.
25540	— *Cape Myoikhari Lighted Buoy.*	38 17 21 29	**Fl. G.** period 7.5^s	10	8	Green cylindrical buoy.	
	— Patras (Patrai):						
25550 *E 3930*	— — SW. head of breakwater. **U.**	38 15 21 44	**Occ. R.** period 2^s lt. 1^s, ec. 1^s	39	11	White iron column, hut; 19.	Reserve light F. R. 4 miles.
25560 *E 3932*	— — NE. head of breakwater. **U.**	------	**Occ. G.** period 2^s lt. 1^s, ec. 1^s	39	11	Iron tower, mast, gallery; 19.	Reserve light F. G. 4 miles.

GREECE—WEST COAST AND IONIAN ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GULF OF PATRAS (PATRAIKOS KOLPOS):	N. E.					
25565 *E3920*	— — Head of Astings Mole.	38 15 21 44	**Qk. Fl. R** 60 fl. per min.	30	3	Hut, concrete column; 23.	
25570 *E3926*	— — Kalavrita Mole, on head. U.	38 15 21 44	**Qk. Fl. G** 60 fl. per. min.	26	3	Hut, concrete column; 20.	
25578 *E3936*	— — Cape Ayia	38 17 21 45	**Fl. W** period 3.6^{s}	18	8	Iron tower on framework structure; 16.	Visible 22°–250°, obsc.–22°.
	GULF OF CORINTH (KORINTHOS):						
25580 *E 3938*	— Cape Andirrion, S. of fort, N. side of entrance to gulf.	38 20 21 46	**Fl.—R. G** period 6^{s}	49	8	Cylindrical masonry tower.	G. over an arc of 180° towards Patras, R. toward Corinth.
25590 *E 3940*	— Rhion (Rion) Point, NE. bastion of Rhion Fortress (Morea Castle), S. side of entrance to gulf.	38 19 21 46	**Fl.—R. G** period 6^{s} Cp. under 100	49	8	Iron column on hut	R. toward Gulf of Corinth, G. toward Gulf of Patras.
25600 *E 3942*	— Naupaktos, E. side of entrance to boat harbor.	38 23 21 49	**Fl. G** period 1.5^{s}	50	6	Iron column; 25	
25610 *E 3946*	— Morno Point (Cape Marnos). U.	38 22 21 52	**Gp. Fl. W. (3)** period 15^{s} fl. 0.2^{s}, ec. 1.3^{s} " 0.2^{s}, " 1.3^{s} " 0.2^{s}, " 11.8^{s} Cp. 400	29	11	Iron pillar, hut; 19	Reserve light F. R.
25620 *E 3952*	— Trizonia Island, E. side. U.	38 22 22 04	**Fl. W** period 4^{s} fl. 0.8^{s}, ec. 3.2^{s}	33	7	Iron column on hut; 16	Visible 172°–48°.
25630 *E 3956*	— Cape Psaromita, extremity, N. side of gulf.	38 19 22 11	**Fl. W** period 30^{s} fl. 6^{s}, ec. 24^{s} Cp. 112,000	213	21	Cylindrical masonry tower, dwelling; 30.	Visible 226°–143°.
25640 *E3960*	— Apsifia Island	38 23 22 24	**Gp. Fl. W. (2)** period 14^{s}	47	9	Iron tower; 16	
25650 *E3962*	— — Port Galaxidhiou	38 23 22 23	**Qk. Fl. W** 60 fl. per min	38	5	Iron framework obelisk.	
25660 *E3966*	— Port Itea, head of pier.	38 26 22 25	**Fl.—R. G** period 3^{s}	23	6	White iron structure, concrete base; 13.	G. 294°–356°, R.–29°, G.–114°, obsc.–294°.
25670 *E 3968*	— Cape Passalos (Makri-Nicolaos Point). U.	38 17 22 33	**Fl. W** period 4.5^{s} fl. 0.3^{s}, ec. 4.2^{s}	56	9	Truncated pyramidal iron structure; 10.	
25680 *E 3970*	— Andikira Bay, W. side of entrance. U.	38 21 22 38	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. under 100	64	7	Iron column on hut; 16.	
25690 *E 3972*	— **Cape Melangavi**, N. entrance to Corinth Bay. U.	38 02 22 50	**Fl. W** period 10^{s} fl. 0.4^{s}, ec. 9.6^{s} Cp. 24,000	190	20	Square masonry tower and dwelling; 41.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREECE—WEST COAST AND IONIAN ISLANDS						
	GULF OF CORINTH (KORINTHOS): — Corinth (Korinthos):	N. E.					
25697	— — Loutraki	37 59 22 58	**F. R**				
25700 *E 3976*	— — Poseidonia (Posidhonia) entrance to Corinth Canal; head of N. mole.	37 57 22 57	**F. R** Cp. under 100	19	3		The Corinth Canal is lighted by electric lights. A W. light shown from flagstaff indicates that vessels can enter, 2 W. lights prohibit entry.
25710 *E 3978*	— — — Head of S. mole.		**F. G** Cp. under 100	16	3		
25721 ***E 3980***	— — About 1.28 miles 238° from Poseidonia Light.		**F. G**	18	1	Iron post	
25725 ***E 3964***	— Cape Likoporia	38 08 22 29	**Gp. Fl. W. (2)** period 16^{s} fl. 1^{s}, ec. 2^{s} " 1^{s}, " 12^{s}	56	13	Iron framework obelisk on iron structure; 49.	Visible 109°–297°.
	— For Gulf of Athens Lights, see No. 26255.						
25730 *E 3950*	— Aigion (Aiyion) Bay, head of pier, S. side of gulf.	38 15 22 04	**Fl. R** period 1.5^{s}	26	7	Iron column and hut; 16.	
25740 *E 3948*	— Cape Drepanon, S. side of gulf.	38 20 21 51	**Alt. Fl.—W. G** period 10^{s} fl. W. 0.3^{s}, ec. 4.7^{s} fl. G. 0.3^{s}, ec. 4.7^{s} Cp. 2,500	29	10	Cylindrical masonry tower; 23.	The G. flash appears W. at a distance greater than 5 miles.
25750 *E 3998*	Cape **Katakolo**	37 38 21 19	**F., Occ. W** period 120^{s} F. 90^{s}, ec. 9^{s} lt. 12^{s}, " 9^{s}	148	18	Octagonal gray masonry tower and dwelling; 29.	At short distances eclipses are not total.
25760 *E 4000*	Katakolo Bay, head of pier.	37 39 21 20	**Qk. Fl. R**	23	7	Iron column on masonry wall; 16.	
25770 *E 4004*	**Stamphani (Strovathi) Island**, summit.	37 15 21 00	**F., Fl. W** period 6^{s} F. 4.6^{s}, ec. 0.5^{s} fl. 0.4^{s}, ec. 0.5^{s}	127	17	Square tower and dwellings; 36.	
25780 *E 4006*	Marathon Point (Marathopolis), Proti Channel. U.	37 04 21 35	**Fl. W** period 7.5^{s} fl. 2.5^{s}, ec. 5^{s} Cp. under 100	32	7	Iron column on hut; 19.	Visible 316°–34° and 116°–189°.
	NAVARIN BAY:						
25790 *E 4008*	— **Pylos Island**, SE. point, N. side of entrance to bay.	36 54 21 40	**Gp. Fl. W. (2)** period 10^{s} fl. 0.3^{s}, ec. 2.2^{s} " 0.3^{s}, " 7.2^{s}	118	12	Masonry tower on dwelling; 20.	Obsc. 146°–190°
25800 *E 4010*	— — Head of pier	36 55 21 42	**F. R**	13	2	Iron framework pillar; 10.	
25804 ***E 4014***	Methoni, head of pier.	36 49 21 42	**Fl. R** period 3^{s}	26	5	Iron cylindrical tower; 16.	Visible 214°–153°.

GREECE—WEST COAST AND IONIAN ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SAPIENTZA ISLAND:	N. E.					
25806 *E4015*	— N. point	36 48 21 42	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	79	8	Quadrangular iron pyramid; 8.	Visible 46°–296°.
25810 *E4016*	— SW. summit	36 44 21 42	**Fl. W** period 60^s fl. 8^s, ec. 52^s Cp. 466,000	361	28	Octagonal tower, dwelling; 26.	Visible 305°–172°, also over Skhiza Island, when 2 miles distant, thru a small arc on a 297° bearing. When distance is less than 2 miles a faint F. W. light is seen between the flashes.
25815 *E4017*	Venetico Islet	36 42 21 53	**Gp. Fl. W. (2)** period 9^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 7.2^s	26	10	Round iron tower, iron framework obelisk; 16.	Visible 41°–317°.
	MESSINIAKOS KOLPOS:						
25820 *E 4018*	— Koroni, head of mole.	36 48 21 57	**Fl. R** period 1.5^s	33	7	Iron column on dwelling; 16.	
25821 ***E 4015***	— Lividia Point	36 48 21 57	**Fl. W** period 1.5^s	76	8	Iron cylindrical tower with column; 16.	Visible 126°–39°.
25830 *E 4022*	— Petalidi, on beach	36 57 21 57	**Fl. W** period 4^s	23	8	Iron column on hut; 19	
25840 *E 4026*	— Kalamata, head of S. jetty.	37 01 22 07	**Fl. R** period 1.5^s	33	7	Concrete column, hut; 20.	
25850 *E 4028*	— — Head of middle jetty.	------	**Qk. Fl. G** 60 fl. per min.	16	3	Round masonry tower concrete column; 10.	
25860 *E 4030*	— — Head of new E. mole. **U.**	------	**Fl. G** period 1.5^s	33	6	Hut, concrete column; 20.	
25870 *E 4032*	— Cape Kitries E. side of gulf. **U.**	36 55 22 08	**Gp. Fl. W. (2)** period 12^s fl. 0.3^s, ec. 1.4^s " 0.3^s, " 10.0^s	102	10	Square tower, dwelling; 36.	
25880 *E 4036*	— Port Kardamili, N. of jetty.	36 53 22 15	**Fl. R** period 2^s fl. 0.2^s, ec. 1.8^s	30	6	Iron tower, post; 13	Visible 352°–93°.
25890 *E 4038*	— Selinitza	36 49 22 18	**F. W** Cp. under 100	33	8	Iron tower and column; 16	
25900 *E 4040*	— Port Limeni, S. side of entrance.	36 41 22 23	**Fl. G** period 1.5^s	46	6	Iron column, dwelling; 21.	
25905 ***E 4042***	— Mezapos	**36 32 22 24**	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	52	8	Iron truncated pyramid; 8.	
	GULF OF LAKONIKOS:						
25910 *E4044*	— Gerolimena **U.**	36 28 22 24	**Fl. R** period 1.5^s	59	7	Iron column and dwelling.	
25920 *E4048*	**— Cape Matapan (Tainaron),** W. side of entrance to gulf.	36 23 22 29	**Occ. W** period 30^s lt. 22.4^s, ec. 7.6^s	134	17	Square masonry tower, dwelling; 52.	

GREECE—WEST COAST AND IONIAN ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GULF OF LAKONIKOS:	N. E.					
25930 *E 4050*	— Port Kaio, E. side of Cape Matapan.	36 25 22 30	**Fl. R** period 4^s fl. 0.4^s, ec. 3.6^s	64	7	Red iron column, masonry base; 16.	Visible 220°-327°.
25940 *E 4052*	— Port Githion, Cranæ Island, E. end. near head of gulf.	36 45 22 34	**Gp. Fl. W. (3)** period 18^s Cp. 11,000	89	15	Marble tower; 75	Within 10 miles a faint W. light is visible between flashes.
25950 *E 4054*	— — On head of jetty	36 45 22 34	**F. R**	16	2	Iron mast	
25960 *E 4058*	— Molaoli, head of mole, E. side of gulf.	36 45 22 48	**Fl. R** period 1.5^s	36	6	Iron column on hut; 20	
25970 *E 4060*	— Cape Xyli, on eastern side. U.	36 39 22 49	**Qk. Fl. R** 80 fl. per min. Cp. under 100	39	6	Iron column on hut; 19	Visible 191°-42°.
25980 *E 4062*	— Xyli Bay, Port Arasma, head of pier.	36 41 22 50	**F. R**	----	----		Occasional.
25982 ***E4073***	**Stavros Light**	**36 31** **22 59**	**Fl.—R. G.** **period 1.5^s** **fl. 0.1^s, ec. 1.4^s**	**18**	**4**	**Round iron tower, iron framework obelisk; 16.**	**R. 0°-180°, G. elsewhere**
25985 *E4074*	Voiatikos Kolpos	36 29 23 04	**Gp. Fl. W. (2)** period 9^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 7.2^s	49	10	Iron tower; 6	Visible 11°-205°.
25990 *E 4076*	Zovollo Point U.	36 25 23 08	**Fl. W** period 7^s fl. 0.3^s, ec. 6.7^s Cp. 1,300	46	12	White iron beacon; 10	Visible 263°-95°.
26000 *E 4078*	**Cape Malea**	36 27 23 12	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2.0^s " 0.5^s, " 7.0^s Cp. 170,000	131	17	Square tower on dwelling; 49.	Visible 175°-345°.

GREECE—ARCHIPELAGO

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	KYTHERA ISLAND:						
26010 *E 4066*	— **Cape Spathi**	36 22 22 57	**F., Fl. W** period 35^s F. 30^s, Fl. 5^s Cp. F. 13,000, Fl. 40,000	360	26	Cylindrical masonry tower, dwelling; 82.	Visible 62°-319°.
26020 *E 4068*	— Kapsali Bay, E. side of bay, S. coast of island.	36 08 23 00	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	82	7	White tower on dwelling; 19.	Visible 327°-30°.
26030 *E 4070*	— Port St. Nicolo, SE. side of entrance.	36 13 23 05	**Fl. G** period 1.5^s	40	6	Iron tower and column; 13.	
26032 *E 4065*	— Anti Dragonera	36 14 23 07	**Gp. Fl. W. (3)** period 15^s fl. 0.25^s, ec. 1.25^s fl. 0.25^s, ec. 1.25^s fl. 0.25^s, ec. 11.75^s	52	11	Round iron tower, iron framework obelisk; 16.	Visible 149°-5°.

GREECE—ARCHIPELAGO

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	KYTHERA ISLAND:	N. E.					
26035 *E4071*	— Aghia Pelagia	36 20 22 59	**Fl. R.** period 1.5^s fl. 0.2^s, ec. 1.3^s	30	5	Cylindrical tower with column; 16.	
26040 *E 4072*	**Cape Apolitares**	35 49 23 19	**Gp. Fl. W. (3)** period 15^s fl. 0.3^s, ec. 2.7^s " 0.3^s, " 2.7^s " 0.3^s, " 8.7^s	131	17	White tower, dwelling; 59.	Visible from 227°–135°.
26045 *E 4051*	Kuprianos	36 31 22 29	**Fl. G.** period 1.5^s	49	4	Round iron tower, iron framework obelisk; 16.	Visible 183°–15°.
26050 *E 4088*	Falkonera (Phalkonera) Islet.	36 50 23 54	**Fl. W.** period 15^s fl. 3.8^s, ec. 11.2^s	446	16	White iron tower	Visible 169°–120°.
26060 *E4090*	**Parapola (Belo Pulo),** NW. point of island.	36 56 23 27	**F. Gp. Fl. W. (5).** period 30^s F. 15.5^s, fl. 0.5^s, ec. 3^s " 0.5^s, " 3^s " 0.5^s, " 3^s " 0.5^s, " 3^s " 0.5^s	367	27	Octagonal tower on square dwelling; 33.	Obscured 319°–342°.
26070 *E 4080*	Cape Monemvasia, E. side of Elos Peninsula.	36 41 23 03	**Fl. W.** period 5^s	54	11	Square masonry tower, dwelling; 23.	
26080 *E 4082*	Port Paleo **U.**	36 44 23 02	**Fl. G.** period 2.5^s fl. 0.2^s, ec. 2.3^s Cp. under 100	26	5	White iron column, hut; 20.	
26090 *E 4086*	Port Ieraka	36 47 23 05	**Fl. G.** period 1.5^s	65	6	Iron column on hut	Visible seaward 199°–242°, in port 199°–94°.
26100 *E 4092*	Port Kyparisi, S. side of entrance.	36 58 23 00	**Fl. R.** period 1.5^s	19	5	Iron column on hut; 19	Visible 180°–236°.
26102 *E 4094*	**Asprokhorti, about 1 mile 4° from Port Kyparisi Light.**	-------	**Fl. W.** **period 4^s** **fl. 0.3^s, ec. 3.7^s**	95	9	**Iron column; 13**	Visible 180°–50°.
	GULF OF NAUPLIA:						
26110 *E 4096*	— Leonidi, W. side of entrance to gulf.	37 09 22 54	**Fl. G.** period 1.5^s	36	6	----------------------	
26120 *E 4098*	— Cape Sabbatiki **U.**	37 11 22 54	**Fl. W.** period 7.5^s fl. 2.5^s, ec. 5^s	69	9	Iron column on hut; 19	
26130 *E 4104*	— Astros, on cape SE. of the Acropolis.	37 25 22 46	**Fl. R.** period 3^s fl. 0.3^s, ec. 2.7^s	75	7	Square masonry tower with dwelling; 23.	Visible 195°–85°. A F. W. light is shown in the harbor.
26135 *E4107*	— Miloi, head of pier	37 33 22 43	**Fl. R.** period 3^s fl. 0.3^s, ec. 2.7^s	26	4	Concrete column with small hut; 20.	Visible 107°–338°.
26140 *E 4108*	— Akr. Panayia	37 34 22 47	**Fl. G.** period 1.5^s	43	6	Iron column and hut; 16	
26150 *E 4110*	— — Head of breakwater.	-------	**F. G.**	23	5	Post	

GREECE—ARCHIPELAGO

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GULF OF NAUPLIA:	N. E.					
26160 *E 4112*	— Cape Kokkino, Port Kilidia. **U.**	37 25 23 07	**Fl. W** period 3^s fl. 0.2^s, ec. 2.8^s Cp. under 100	16	7	Iron obelisk; 10	Obscured S. of bearing 59°. Partially obscured by hill.
26170 *E 4114*	— Cape Koraka **U.**	37 21 23 04	**Fl. W** period 10^s fl. 2.5^s, ec. 7.5^s Cp. 100.	49	9	White iron tower	Visible 311°–131°.
26175 *E4103*	— Brouboulo (Stroboli) Islet, N. extremity. **U.**	37 17 23 05	**Gp. Fl. W. (2)** period 11^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 9.2^s	85	9	Iron column; 7	
26180 *E 4118*	— Port Kheli, N. side of entrance, W. side of Alexandro Bay.	37 19 23 08	**Fl. R** period 1.5^s Cp. 200	72	7	Iron column with hut; 20.	
26190 *E 4100*	— Spezzia (Spetsai), on Pt. Balikisa near NE. point of island.	37 16 23 10	**Occ.—W. R** period 5^s lt. 4^s, ec. 1^s	98	16	White cylindrical tower and dwelling; 34.	W. 124°–254°, R.–278°; W.–350°, obscured elsewhere.
26191 ***E4102***	— — 167 yards 306° from Spetsai Light.	37 16 23 10	**Qk. Fl. R**	-----	5	Hut with concrete column; 20.	
26192 ***E4102.1***	— Limin Dapias	37 16 23 09	**F. R**	16	5	----------	
	YDRA (HYDRA) BAY:						
26200 *E 4120*	— Cape Muzaki, on S. point, N. side of Dhoko Strait. **U.**	37 21 23 17	**Fl. W** period 7.5^s fl. 2.5^s, ec. 5^s	75	9	Iron column and hut; 16	Visible 127°–37°.
26210 *E 4124*	— Dhoko (Dokos) Island, S. entrance to bay. N. side of Petasi Strait.	37 20 23 22	**Gp. Fl. (2) — W. R.** period 12^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 9.5^s Cp. 400	75	W.12 R.10	White cylindrical tower and dwelling; 29.	W. 219°–341°, R.–26°, W.–63°.
26220 *E 4126*	— Tabia Point, E. side of entrance to Port Hydra.	37 21 23 28	**Fl. R** period 1.5^s	42	7	Iron column, hut; 16	
26230 *E 4130*	— Port Hydra, head of W. jetty.	------	**F. G**	16	2	Post	
26240 *E 4122*	— Port Kastri, W. end of bay.	37 23 23 16	**Fl. R** period 1.5^s	72	7	Iron column, hut; 20	
26250 *E 4134*	**Cape Zurva**, E. extremity of Hydra Island.	37 22 23 35	**Gp. Fl. W. (3)** period 10^s fl. 0.3^s, ec. 1.7^s " 0.3^s, " 1.7^s " 0.3^s, " 5.7^s Cp. 65,000	119	17	Square tower on dwelling; 36.	Visible 128°–23°.
	GULF OF ATHENS:						
26255 ***E 4135***	**— Nisidhes Tselevinia**	**37 27** **23 32**	**Fl. W** **period 3^s** **fl. 0.3^s, ec. 2.7^s**	**157**	**7**	**Iron tower; 7**	**Visible 78°–10°,**
26260 *E 4136*	— **Agios Georgio Island** SE. end.	37 28 23 57	**Gp. Fl. W. (2)** period 22^s fl. 1^s, ec. 6^s " 1^s, " 14^s Cp. 73,000	485	18	Cylindrical tower on dwelling; 23.	Obscured 116°–169°.

GREECE—ARCHIPELAGO

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GULF OF ATHENS: — Poros Island.	N. E.					
26280 *E 4140*	— — Dana Point, W. point of island.	37 32 23 26	**Fl. — W. R** period 4^{s} fl. 0.5^{s}, ec. 3.5^{s}	105	12	Square tower on dwelling; 30.	W. 26°-200°, R.-209°, W.-266°. Reserve light F. W. F. R. lights are shown from the obelisk 1.46 miles, 142°.
26290 *E4140.3*	— — Cape Nedha	37 31 23 25	**Fl.— R. G** period 2^{s}	20	4	Iron tower, mast; 13	G. 299°-53°, R.-214°.
26300 *E 4141*	— — Poros Harbor, 880 yards NW. of Poros Tower.	37 30 23 27	**F. R**	--	--	Iron column; 14	
26310 *E 4140.5*	— — Cape Stavros, S. point of island.	37 29 23 28	**Fl.— W. R** period 2^{s}	23	W. 10 R. 6	Framework obelisk (6 ft) on roof of dwelling.	W. 263°-284°, R.-309°, W.-110°,
26313 *E4140.6*	— Methana	37 35 23 23	**F. R**	49	2	------------------	
26315 *E 4152*	— Moni island, W. point N. side of Methana Channel. U.	37 41 23 25	**Gp. Fl. (2)— W. R. G.** period 10^{s} fl. 0.5^{s}, ec. 1.6^{s} " 0.5^{s}, " 7.4^{s}	68	W. 12 R. 8 G. 8	White iron tower on square masonry house.	W. 296°-322°, R. 336°, W. 75°, G.-165°, W.-173°, R.-187°, W.-223°.
	— Ægina Island:						
26320 *E 4144*	— — Cape Plakakia, NW. side of island.	37 46 23 25	**Gp. Fl. W. (2)** period 10^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 7.5^{s} Cp. 200	36	11	Cylindrical masonry tower. red stripes; 20	Reserve light F. W.
26325 *E 4148*	— — Ægina, head of N. mole.	37 45 23 25	**Fl. R** period 1.5^{s}	26	7	Hut with concrete column; 19.	
26330 *E 4150*	— — — Head of SE. mole.	37 45 23 25	**Fl. G** period 1.5^{s}	26	6	Hut with concrete column; 19.	
26335 *E4154*	— **Cape Turlo,** near NE extremity Aegina Island. U.	37 46 23 34	**Fl. W** period 3.6^{s} fl. 0.3^{s}, ec. 3.3^{s}	98	10	White iron tower, masonry base; 20.	Visible 177°-24°.
26340 *E4158*	— Lagosa Islet, E. point of eastern isle. U.	37 49 23 28	**Fl. W** period 7.5^{s} fl. 2^{s}, ec. 5.5^{s} Cp. under 100	39	7	Iron framework obelisk, hut; 19.	Visible 130°-49°.
26344 *E4141.75*	— Palaia Epidhavrou, head of pier.	37 38 23 09	**Qk. Fl. R**	25	4	Concrete column; 20	Visible 253°-280°.
26345 *E4141.7*	— Cape Kalamaki	37 38 23 10	**Fl. W** period 2^{s}	30	8	Iron tower	Visible 185°-95°.
26347	— Port Epidavro	37 41 23 09	**Fl. R** period 1.5^{s} fl. 0.2^{s}, ec. 1.3^{s}	25	4	Small hut with concrete column; 20.	Visible 257°-331°.
26350 *E 4142*	— Sophikon Bay U.	37 45 23 08	**Fl. W** period 4^{s} fl. 0.2^{s}, ec. 3.8^{s} Cp. 200	36	10	Iron column, hut; 20	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREECE—ARCHIPELAGO						
	GULF OF ATHENS:	N. E.					
26355 *E 4160*	— Kalamaki, mole at W. side of entrance to Corinth Canal.	37 55 23 01	**F. R**	33	3	Iron column	The Corinth Canal is lighted by electric lights. A W. light is shown from the flagstaff indicates vessels can enter; 2 W. lights prohibit entry.
26360 *E 4162*	— — NE. Head of breakwater N. side of entrance to canal.		**F. G**	33	3	Iron column	
	For Gulf of Corinth see No. 25580.						
26365 *E 4164*	— Susáki Point	37 55 23 03	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 100	30	9	Cylindrical masonry tower on dwelling; 25	
26370 *E 4168*	— Cape Kokhi, S. point of Salamis Island.	37 52 23 27	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 25,000	108	13	Cylindrical masonry tower; 40.	
26372 *E4167*	— Nisidhes Kanakia	37 54 23 23	**Fl. G** period 3^s	66	6	Concrete column on building; 20.	Visible 288°–254°.
26375	— Salamis, outer end of spur jetty.	37 58 23 29	**F. R**	23	2	Iron post	
26377 *E 4165.5*	— Point Karas	37 57 23 25	**Fl. W. R** period 4^s	31	W. 10 R. 6	Concrete column on building; 20.	W. 314°–33°, R.–48°, W.–235°.
26378 *E 4165*	— Revithousa	37 57 23 24	**Fl. R** period 1.5^s fl. 0.2^s, ec. 1.3^s	31	4	Concrete column on building; 20.	Visible 126°–68°.
26379 *E 4164.5*	— Makronisos	37 58 23 24	**Fl. G** period 1.5^s fl. 0.2^s, ec. 1.3^s	38	4	Concrete column on building; 20.	Visible 319°–203°.
26380 *E 4170*	— **Psyttaleias (Lipso) Island,** NE. end.	37 56 23 36	**F. Gp. Fl. W. (3).** period 24^s F. 12^s, ec. 1.5^s fl. 1^s, ec. 3.0^s " 1^s " 3.0^s " 1^s, " 1.5^s Cp. F. 1,000, Fl. 5,500	154	18	Gray cylindrical masonry tower on dwelling; 46.	
26390 *E 4170.1*	— Port Heracles, head of breakwater.	37 57 23 36	**Fl. G** period 1.5^s fl. 0.3^s, ec. 1.2^s	23	5	Iron framework obelisk, hut; 16.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREECE—ARCHIPELAGO						
	GULF OF ATHENS:	N. E.					
26400 *E 4175.2*	— Elevsis, head of E. breakwater.	38 02 23 32	**Gp. Fl. G. (2)** period 12^s fl. 0.3^s, ec. 1.4^s " 0.3^s, " 10^s	21	6	Iron post; 10	
26401	— — West pier, about 50 yards 238° from head of E. breakwater.	-------	**F. R**	-----	----	--------------------	
26410 *E 4176*	— Arpidoni Island, W. extremity.	37 59 23 33	**Qk. Fl. W** 60 fl. per min.	13	6	Iron post	
26415 *E 4176.5*	— Akratirion Filatouri	37 59 23 33	**Gp. Fl. W. (2)** period 12^s fl. 0.4^s ec., 1.2^s " 0.4^s ec. 10^s	39	5	--------------------	Visible 352°–233°.
26420 *E 4172*	— Salaminos Strait, head of mole at arsenal.	37 58 23 32	**F. G**	19	4	Iron column; 10	
26421 *E 4174*	— E. head of pier	37 58 23 32	F. R	17	3	Iron column; 13	
26430 *E 4171*	— Perama, head of pier	37 58 23 33	**F. R**	13	2	--------------------	
26440 *E 4175*	— — Head of W. pier at Skaramanga Bay.	38 00 23 34	**F. R**	13	2	--------------------	
26443	**— — Beacon**	**37 58 23 35**	**F. R**	24	2	**Iron circular column; 16.**	
26450 *E 4175.1*	— — Head of breakwater.	38 00 23 35	**Qk. Fl. G** 80 fl. per min.	17	3	Iron post 11	
	Piraeus:						
26460 *E 4178*	— — N. head of Themistokhleous Breakwater.	**37 56 23 38**	**Occ. G** period 4^s lt. 3^s, ec. 1^s	42	12	**Iron skeleton tower;** 25	**Traffic signals.**
26470 *E 4186*	— — Head of Vasileos Breakwater U.	37 56 23 37	**Occ. R** period 4^s lt. 3^s, ec. 1^s	43	12	Iron skeleton tower; 23	
26490 *E 4182*	— — Zeas Harbor, W. side of entrance.	37 56 23 39	**F. R**	26	1	--------------------	A F. G. light is shown on E. side of harbor entrance, visible 1 mile.
26500 *E 4188*	— — Falirou Bay, Mounikhia Harbor, rock at entrance.	37 56 23 40	**Occ. G** period 2^s lt. 1^s, ec. 1^s	33	6	--------------------	Visible 205°–145°.
26510 *E 4190*	— — Mounikhia Harbor, head of S. mole.	------	Occ. R period 2^s lt. 1^s, ec. 1^s	33	10	--------------------	
26540	— AVIATION LIGHT, N. of Elliniko.	37 54 23 44	**Alt.—W. G** period 6^s	66	13	Airport control tower	
26550 *E 4192*	— Aliki Rocks	37 50 23 44	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	18	3	Iron column; 13	
26560 *E 4194*	— **Flevas Island**, summit, E. side of gulf. U.	37 46 23 46	**Gp. Fl. W. (3)** period 10^s fl. 0.3^s, ec. 1.7^s " 0.3^s, " 1.7^s " 0.3^s, " 5.7^s	127	15	White iron tower; 10	Visible 285°–161°.

GREECE—ARCHIPELAGO

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GULF OF ATHENS:	N. E.					
26570 *E 4198*	— Anavissou Point. **U.**	37 43 23 56	**Qk. Fl.—W. R.** 80 fl. per min.	25	W. 6 R. 4	Iron tower	W. 219°–36°, R.–47°.
26580 *E 4200*	— Cape Katafiui **U.**	37 40 23 57	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s	30	6	Cylindrical tower, mast	
26590 *E 4202*	— Patroklou Island, N. side. **U.**	37 39 23 58	**Fl. W** period 12^s fl. 2^s, ec. 10^s	23	9	White iron tower on masonry building.	
	THORIKOU CHANNEL:						
26600 *E 4204*	—**Angalistrous Point, S** point of Makronisi **U.**	37 39 24 07	**Gp. Fl. W. (2)** period 14^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 12.2^s Cp. 1,400	115	16	White iron tower, concrete base; 14.	Visible 207°–168°.
26610 *E4208*	— **Cape Fonias (Cape Point), W. side of channel.**	37 41 24 04	**Fl. R** period 2.4^s	43	7	Cylindrical iron tower, framework column; 16.	Visible 170° to 021°.
26615 *E4209*	— Ergasteria Point	37 43 24 04	**Fl. G** period 1.5^s	24	4	Iron tower; 16	Visible 148°-081°.
26620 *E 4210*	— Vrisaki Point, W. side of channel.	37 44 24 05	**Occ. W** period 4^s lt. 3^s, ec. 1^s Cp. 600	72	14	Masonry tower on dwelling; 24.	Visible 186°–6°. Reserve light F. W.

GREECE—ARCHIPELAGO—KIKLADHES

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	KEA ISLANDS:						
26630 *E 4218*	— **Cape Tamelos,** S. extremity of island.	37 31 24 16	**F., Fl. W** period 36^s F. 27.6^s, ec. 3^s Fl. 2.4^s, ec. 3^s	200	20	Circular tower, dwelling, 25.	
26640 *E 4212*	— Port Agios Nikolaos, NW. side of island, N. point of entrance.	37 40 24 19	**Occ. W** period 10^s lt. 7.5^s, ec. 2.5^s Cp. 600	98	14	Square tower on octagonal dwelling; 26.	Visible 62°–218°. Faint light within the port. Reserve light F. R. 2 miles.
26650 *E 4214*	— — Agios Savvas, S. side of entrance.	------	**Fl. G** period 1.5^s	66	6	Iron column, hut; 20	Obscured when bearing less than 102°.
	THERMIA ISLAND:						
26655 *E4223*	— Cape **Dhimitros**	37 18 24 21	**Gp. Fl. W. (2)** period 12^s	91	12	Iron framework tower, on base; 16.	Visible 281°–160°.
26660 *E 4224*	— Cape Episkopi	37 24 24 23	**Fl.—W. R** period 1.5^s	82	W. 10 R. 7	Square masonry tower on dwelling; 18.	W. 315°–340°, R.–30°, W.–173°.
26670 *E 4220*	— Cape Kephalos **U.**	37 29 24 27	**Fl. W** period 4^s fl. 0.2^s, ec. 3.8^s	177	12	Iron beacon; 20	Visible 65°–241°.
26680 *E 4222*	— Loutron Bay, NE. side of island.	37 26 24 26	**Fl. R** period 1.5^s	46	7	Iron column; 19	

GREECE—ARCHIPELAGO—KIKLADHES

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ANDROS ISLAND:	N. E.					
26690 *E 4332*	— Kastri Head, Port Gavrion. **U.**	**37 52** **24 44**	**Fl. R** period 1.5^s	314	7	Cylindrical tower on dwelling; 26	
26691 *E 4332.5*	— Gavriou Bay	37 52 24 44	**Qk. Fl. R. G**	50	5		R. 248°-5°, G.-178°, obscured elsewhere.
26695 *E 4333*	— Cape **Kolona**	**37 51** **24 46**	**Fl. W** period 3^s	69	8	Iron framework structure; 7.	Visible 224°-155°.
26700 *E 4330*	— **Cape Phassa,** Andros Island, NW. Point.	37 57 24 42	F. Fl. W period 180^s F. 135^s (intensified) F. 18^s (unintensified) Fl. 9^s, F. 18^s (unintensified). Cp. F. 8,700 Fl. 42,700	699	Fl. 26 F. 20	Cylindrical masonry tower, dwelling; 69.	Visible 3°-235°.
26710 *E 4338*	— **Cape Gria,** NE. side of island.	37 54 24 58	**Fl. W** period 20^s fl. 2.7^s, ec. 17.3^s	243	22	Cylindrical masonry tower, dwelling; 33.	
26730 *E 4334*	— Tourlitis (Turlitis), Islet, entrance to port. **U.**	37 50 24 57	**Gp. Fl. W. (2)** period 15^s fl. 0.5^s, ec. 2.0^s " 0.5^s, " 12.0^s	56	11	Cylindrical tower; 23	Visible 63°-312°.
	PORT KASTRO:						
26740 *E 4336*	— — Head of mole	37 50 24 56	**Fl. G** period 1.5^s	33	6	Iron beacon, hut	
	— ORMOS KORTHIOU:						
26746 *E 4337.5*	**— — Ayiou Kosma**	**37 46** **25 00**	**Fl. W** **period 3^s** **fl. 0.3^s, ec. 2.7^s**	**230**	**9**	**Iron tower and mast; 13.**	**Visible 136°-13°.**
26748 *E 4336.5*	**— — Ayias Aikaterinis**	**37 46** **24 58**	**Fl. G** **period 1.5^s**	**52**	**4**	**Iron structure; 8**	**Visible 222°-100°.**
26750 ***E 4337***	**— — Korthiou, head of pier.**	**37 46** **24 57**	**F. R**	**14**	**4**	**Iron obeliski; 10**	
26760 *E 4342*	**Kaloyeri (Kaloyeroi) Rocks,** NE. of Andros Island. **U.**	38 10 25 17	**Gp. Fl. W. (2)** period 15^s fl. 0.3^s, ec. 1.5^s " 0.3^s, " 12.9^s Cp. 900	118	16	White iron tower, masonry base; 15.	
	SYROS (SYRA) ISLANDS:						
26770 *E 4312*	— **Cape Trimesson,** end N. of island. **U.**	37 31 24 53	**Gp. Fl. W. (2)** period 14^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 12.2^s Cp. 1,100	203	16	White iron tower, masonry base; 11.	Visible 64°-289°.
26780 *E 4308*	— **Gaidaro (Gaidharos) Island,** W. summit.	37 25 24 59	**F. Fl. W** period 120^s fl. 11^s, ec. 9.5^s F. 90^s, " 9.5^s Cp. F. 600, Fl. 2,200	224	Fl. 20 F. 14	Cylindrical masonry tower; 96.	

GREECE—ARCHIPELAGO—KIKLADHES

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SYROS (SYRA) ISLANDS:	N. E.					
26782 *E4306*	— Aspro Islet	37 23 25 00	**Gp. Fl. W. (2)** period 12^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 10.2^s	164	10	Iron tower with column; 17.	
26784 *E4316*	— Point Velostasion	37 22 24 53	**Gp. Fl. W. (3)** period 12^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 1.2^s " 0.3^s, " 8.7^s	246	9	Iron cylindrical tower; framework column; 16.	Visible 251°–151°.
26790 *E 4310*	— Syros (Siros), on Kodovari Point, S. side of entrance, W. side of Island. **U.**	37 26 24 58	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	56	7	White hut, iron post; 20	Visible 96°–340°.
26800 *E 4314*	— — Near head of E. mole.	-------	**Qk. Fl. G**	23	4	Red iron column, hut; 19.	
	TINOS ISLAND (DYSVATON):						
26810 *E 4318*	— **Dysvaton Islets,** off NW. point of Tinos Island, in Steno Pass.	37 40 24 58	**Alt. Fl.—W. R** period 10^s W. fl. 0.3^s, ec. 4.7^s R. fl. 0.3^s, ec. 4.7^s Cp. 8,000	100	15	Square masonry tower, dwelling; 30.	
26820 *E4320*	— Planitus **U.**	37 40 25 04	**Gp. Fl. W. (2)** period 10^s	26	9	Structure	
26830 *E 4322*	— **Livadha Point,** NE. point of island.	37 37 25 16	**Occ. W** period 6^s lt. 4^s, ec. 2^s	135	17	Square tower, dwelling	Reserve light F. W., 12 miles.
26840 *E 4324*	— Port Tinos, on head of breakwater.	37 32 25 10	**Fl. G** period 2^s	30	6	Iron mast, hut; 23	
26850 *E4326*	— — Head of N. jetty	-------	**Fl. R** period 2^s	23	5	Hut, mast	
	SERPHO ISLAND:						
26860 *E 4230*	— Cyclops Head, SW. extremity of island. **U.**	37 07 24 25	**Gp. Fl. R. (2)** period 14^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 12.2^s	229	12	White iron beacon, masonry base.	
26870 *E 4228*	— **Point Spathi,** SE. side of island.	37 06 24 30	**Gp. Fl. W. (4)** period 10^s fl. 0.2^s, ec. 1.5^s " 0.2^s, " 1.5^s " 0.2^s, " 1.5^s " 0.2^s, " 4.7^s Cp. 18,000	200	20	Square tower, dwelling; 32	
26880 *E 4232*	— Port Livadhi, point S. of village.	37 08 24 32	**Fl. R** period 1.5^s	36	7	Iron column, hut; 19	
26890 *E4334*	Cape Filippos	37 03 24 38	**Fl. W** period 5^s	128	10	Iron tower; 6	Visible 27°–277°.
26900 *E 4236*	Kamares Bay	36 59 24 40	**Fl. G** period 1.5^s	160	6	Iron column on dwelling; 16.	

GREECE—ARCHIPELAGO—KIKLADHES

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
26905 *E 4237*	Faros Bay	N. E. **36 56** **24 44**	**Fl. W** **period 1.5^s**	**85**	**8**	**Hut, concrete column; 20.**	**Visible 256°–147°.**
26910 *E 4304*	**Lanado (Nata) Rock,** W. summit, SE. of Syros Island. U.	37 22 25 04	**Fl. W** period 5^s fl. 0.2^s, ec. 4.8^s Cp. 600	46	12	White iron tower on terrace of house; 16.	
26918 *E 4303*	Prasonisia, NW. side	37 24 25 18	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	82	11	Round iron tower with framework obelisk; 16.	
	MYKRONI (MIKONOS) ISLAND:						
26920 *E 4302*	— **Cape Armenisti,** NW. point if island.	37 29 25 19	**F. Gp. Fl. W.**^{s} every 60^s F. 30^s, ec. 2^s fl. 2^s, ec. 4^s " 2^s, " 4^s " 2^s, " 4^s " 2^s, " 4^s " 2^s, " 2^s Cp. Fl. 87,000, F. 45,000	604	32	Octagonal tower on dwelling; 62.	Visible 22°–241°.
26930 *E4300*	— Kamenaki, head of the mole.	37 27 25 20	**Qk. Fl. G**	20	5	Iron column	
26940	— — Outer end of N. breakwater.		**Qk. Fl. R**	13	4		
26950 *E 4299*	Khtapodhia (Stapodia)	37 25 25 34	**Gp. Fl. W. (3)** period 24^s	436	18	Truncated iron pyramid; 13.	
26958 *E 4284*	Portes Light, NE. end of N. islet.	37 06 25 06	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 7.5^s	52	9	Iron tower with column; 16.	
	PAROS ISLAND:						
26960 *E4286*	— Port Parœkia	37 05 25 08	**Fl. R** period 1.5^s	43	6	Small tower with column; 16.	Visible 226°–157°.
26965 *E 4288*	— Parœkia Bank U.	37 05 25 09	**Fl. W** period 3.6^s fl. 0.3^s, ec. 3.3^s	23	9	White obelisk, red band on column; 13.	Obscured 63°–110°.
26970 *E 4298*	— Mermingas Rock U.	37 12 25 04	**Fl. W** period 10^s fl. 2^s, ec. 8^s	56	8	White iron tower; 10	
26975 *E 4290*	— **Cape Korax (Korakis),** W. side of entrance to Port Naussa.	37 09 25 14	**Alt. F. Fl. W. R.** period 120^s Fl. R. 4^s, ec. 18^s. F. W. 80^s, ec. 18^s. Cp. W. 200, R. 400	197	W. 10 R. 14	Square tower on dwelling; 32.	Visible 59°–311°.
26978	— Vrakhos Amaridhes, off E. coast.	37 03 25 19	**Fl. W. R** period 4^s fl. 0.4^s, ec. 3.6^s	34	W. 10 R. 6	Concrete tower, building; 20.	W. 15°–185° R.–elsewhere.
26980 *E 4292*	— Kratzi Point, S. side of entrance to Marmora Bay. U.	37 03 25 17	**Gp. Fl. (3)—W. G.** period 15^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 1.2^s " 0.3^s, " 11.7^s	76	W. 12 G. 6	White iron tower, concrete base; 10.	G. 250°–260°, W.–250°.

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		GREECE—ARCHIPELAGO—KIKLADHES					
		N. E.					
26988	Parianos, SW. side of island.	36 56 25 35	**Qk. Fl. R.** 60 fl. per min.	21	4	Iron cylindrical tower, framework column; 16.	Visible from 270°–133°
26990 *E 4295*	Cape Stavros Island	37 12 25 35	**Gp. Fl. W. (2)** period 16^s fl. 1^s, ec. 2^s " 1^s, " 12^s	164	18	Iron pyramid; 10	Visible 93°–308°.
27000 *E 4294*	Nisos Vakkhos Island, head of breakwater, N. side of Naxou Bay.	37 06 25 23	**Fl. R.** period 3^s fl. 0.3^s, ec. 2.7^s	23	7	Tower with iron column; 16.	
27010 *E 4295.5*	Dhenousa Island	37 08 25 51	**Gp. Fl. W. (3)** period 15^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 10.5^s	492	13	Iron skeleton obelisk, hut; 13.	Visible 84°–323°.
27020 *E 4282*	Strongilo	36 56 24 57	**Gp. Fl. W. (2)** period 7.5^s " 0.3^s, " 1.6^s " 0.3^s, " 5.3^s	167	9	Iron column with mast, masonry base; 19.	Visible 300°–182°.
27030 *E 4246*	**Paximadhi Islet**, summit, off SW. point of Milos U.	36 38 24 19	**Gp. Fl. W. (2)** period 10^s fl. 0.2^s, ec. 1.8^s " 0.2^s, " 7.8^s Cp. 1,400	95	15	Iron framework on obelisk, hut; 16.	Visible 273°–183°.
17040 *E 4248*	Ananes Islet (Vr. Ananes). U.	36 33 24 09	**Gp. Fl. W. (3)** period 20^s fl. 0.3^s, ec. 1.3^s " 0.3^s, " 1.3^s " 0.3^s, " 14.5^s	246	10	Iron beacon; 16	
27045 *E 4244*	Andimilos	36 47 24 13	**Fl. W.** period 2^s fl. 0.2^s, ec. 1.8^s	197	10	Iron tower with framework obelisk.	Visible 312°–170°
	MILOS:						
27050 *E 4240*	— Akrodhia Islands, NW point of W. islet, E. side of entrance to Milos Bay.	36 47 24 23	**F. R.**	253	15	Square tower, dwelling; 23.	
27060 *E 4242*	— Bombardha Point	36 43 24 26	**Fl. R** period 4.5^s	115	7	White iron tower; 10	Visible 234°–128°.
27062 *E 4241*	Pelekoudha	36 46 24 32	**Fl. W.** period 2^s fl. 0.2^s, ec. 1.8^s	53	7	Iron column, dwelling; 20.	Visible 125°–30°.
27070 *E 4252*	Poliáigos Island Maskoula Point, E. side of island.	36 46 24 40	**Fl. W** period 5^s fl. 0.2^s, ec. 4.8^s Cp. 14,000	453	27	Cylindrical tower, dwelling; 30.	Obscured when bearing more than 337°.
27080 *E 4250*	Pyrgui Island	36 46 24 35	**Gp. Fl. W. (3)** period 9^s	82	10	Square masonry tower on dwelling; 23.	Visible 33°–0°.
27090 *E 4238*	Kimolos Island, Semina Cove.	36 48 24 35	**Fl. G.** period 5^s fl. 1^s, ec. 4^s	36	4	Iron column on hut; 19.	

GREECE—ARCHIPELAGO—KIKLADHES

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
27100 E 4256	**N. Folégandros,** on Aspropóunda Point.	N. E. 36 38 24 52	**Gp. Occ. W.** (4) period 20^s lt. 5.2^s, ec. 1.6^s " 5.2^s, " 1.6^s " 1.6^s, " 1.6^s " 1.6^s, " 1.6^s Cp. 600	229	20	White square tower, dwelling; 36.	Visible 306°–138°. Reserve light F. W.
27110 E 4258	— Karavostasi, NE. side of island.	36 37 24 58	**Fl. R** period 1.5^s	49	7	Iron column, masonry base; 13.	
27120 E 4260	N. Sikinos, E. side ot Skala Bay.	36 40 25 09	**Fl. G** period 1.5^s	85	7	Iron column, masonry base; 19.	
27130 E 4262	Cape Fanari, W. side of entrance to Ios Bay.	36 43 25 16	**Fl. W** period 1.5^s	108	10	Tower on dwelling; 23	
27140 E 4296	Avelomisia Rock, summit **U.**	36 49 25 24	**Gp. Fl. W.** (3) period 10^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 1.2^s " 0.3^s. " 6.7^s Cp. 300	131	10	White iron tower	
27150 E 4266	THIRA : — **Cape Akroteri**, SW. extremity of island.	36 21 25 22	**Fl. W** period 30^s fl. 6^s, ec. 24^s Cp. 110,000	328	25	Square tower on dwelling; 35.	A faint W. light is visible between the flashes. Visible 315°–157°, and 180°–185°, at a distance of over 11 miles obscured by Cristiani Islands 44°–46°, and 47°–53°.
27152 E4267	— Nea Kaimeni	36 24 25 24	**Fl. W** period 3^s	25	7	Round iron tower, framework column; 16.	Visible 224°–313°.
27154 E4268	— Thira Wharf	36 25 25 26	**Qk. Fl. R**	25	4	Cylindrical tower, framework column 16.	
27159 E4269	— Amuthi Cove	36 27 25 22	**Qk. Fl. G**	28	4	Round iron tower, column 16.	Visible 343°–140°.
27160 E4276	— Epanomeria, NW. coast of island. **U.**	36 27 25 22	**Fl. R** period 4.5^s fl. 0.3^s, ec. 4.2^s	279	7	Round iron tower, iron framework obelisk; 16.	
27170 E 4270	Anaphi (Anafi) Island, Cape Pounta. **U.**	36 21 25 49	**Fl. W** period 4^s fl. 0.8^s, ec. 3.2^s	229	8	Iron column, hut; 19	
27180 E4270	**Cristiani Islands** Eskhati Rock. **U.**	36 13 25 14	**Gp. Fl. W.** (3) period 9^s fl. 0.3^s, ec. 1.5^s " 0.3^s, " 1.5^s " 0.3^s, " 5.1^s	75	14	White beacon; 10	Obscured N. by Cristiani Islands. Also serves as aviation light.
27190 E4295.7	Melantioi (Bubais Rocks).	37 14 25 55	**Fl. W** period 8^s	183	17	Iron lattice obelisk, hut; 19.	
27200 E 42[illegible]	Cape Elias, Amorgos Island, Port Katapola Bay	36 50 25 51	**Fl. R** period 3.6^s	141	7	Square tower on dwelling; 34.	Visible 23°–173°.

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREECE—ARCHIPELAGO—KIKLADHES						
27205 *E4277.5*	Grabousa	N. E. 36 49 25 45	**Fl. W** period 1.5^s fl. 0 3^s ec. 1.2^s	46	8	Round iron tower, framework column; 20.	Visible 24°–336°.
27210 *E4277*	Cape Korax	36 46 25 48	**Fl. W** period 8^s	249	17	Iron framework obelisk; 20.	Visible 263°–90°.
27220 *E 4279*	Liadi Islands, on SE. side of largest island.	36 54 26 11	**Gp. Fl. W. (2)** period 10^s	214	16	Truncated iron pyramid; 12.	
27230 *E4280*	**Levitha Island, Spano Point.**	37 00 26 30	**Fl. W** period 10^s fl. 0.7^s, ec. 9.3^s	95	16	Iron pyramid; 10	Visible 161°–75°.
	CRETE (G.)						
27240 *E 4780*	**Agria Grabusa (Gramvoúsa) Island,** NW. extremity. **U.**	N. E. 35 38 23 34	**Fl.—W. R** period 6^s fl. 0.3^s, ec. 5.7^s Cp. W. 1,900; R. 500	354	W. 16 R. 13	White iron beacon, red band, masonry base; 10.	W. 330°–239°, R.–255°, W.–321°, obscured elsewhere.
27250 *E4782*	Khania, head of mole E. side of entrance.	35 31 24 01	**Fl. R** period 1.5^s	79	6	White tower; 52	F.—R. G. lights have been established from Khania Light as follows: (a) about 187 yards 90° (b) about 200 yards 106°.
27260 *E4783*	Akr Melekhas	35 35 24 10	**Gp. Fl. W(2)** period 12^s	156	18	Pylon. iron obelisk; 20	Visible 120°–329°.
27265	Sklakha Peak Beacon, atop peak.	35 33 24 10	**Qk. Fl. R** 60 fl. per min.	----	----	Beacon	
27270 *E4784*	**Cape Drepano**	35 28 24 14	**F. Gp. Fl. W. 4** period 24^s F. 12^s ec. 1.5^s fl. 1^s, ec. 3.0^s " 1^s, " 3.0^s " 1^s, " 1.5^s Cp. 4,500	197	20	White tower, dwelling; 23.	Visible 66°–324°.
27280 *E 4786*	Suda (Soudha) Bay, end of main pier extension.	35 29 24 05	**2 F. R.** (vert.)	30	4	Mast	
27290 *E 4788*	Suda (Soudha) Islet, S. part of fortress.	35 29 24 09	**Fl. G** period 5^s	69	9	Iron framework structure, hut; 13.	Visible 245°–120°.
27292	— Head of jetty, N. side of Bay.	35 30 24 05	**F.G**	15	3	----------	
27300 *E 4790*	Rethimon (Rhithymno), near head of mole.	35 22 24 29	**Fl. G** period 1.5^s	57	6	White tower, dwelling; 39.	
27310 *E 4792*	**Khondro Kavos** **U.**	35 25 24 43	**Fl.—W. R** period 6^s fl. 0.3^s, ec. 5.7^s Cp. 1,330 and 500	197	W. 15 R. 11	White iron beacon, red band, masonry base; 11.	R. shore–97°, W.–270°, obscured elsewhere.

CRETE (G).

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
27320 *E 4794*	**Cape Stavros** U.	N. E. 35 26 24 59	**Gp. Fl. W. (2)** period 14ˢ fl. 0.3ˢ, ec. 1.3ˢ " 0.3ˢ, " 12.1ˢ Cp. 1,800	75	15	White octagonal tower; 46.	Visible 67°–258°, and 272°–284°.
27330 *E 4810*	**Standia Island**, near N. point, off N. coast of Crete. U.	35 28 25 14	**Fl. R** period 6ˢ fl. 0.3ˢ, ec. 5.7ˢ Cp. 500	49	11	Mast; 10	Visible 67°–284°.
27340 *E 4812*	— Cape Stavro (Apyri), S. point of island. U.	35 25 25 15	**Fl. W** period 6ˢ fl. 0.3ˢ, ec. 5.7ˢ Cp. 1,400	430	13	White iron beacon, masonry base; 10.	Visible 181°–112°.
27345 *E 4819*	Avgo Island	35 36 25 35	**Fl. W** period 1.5ˢ	188	8	Iron tower; 16	Visible 288°–275°.
27350 *E 4798*	IRAKLION (CANDIA): — E. head of N. breakwater. U.	35 21 25 09	**Occ. G** period 3ˢ	52	12	Iron column	
27360 *E 4802*	— N. head of E. breakwater.		**Fl. R** period 1.5ˢ	26	6	Hexagonal hut, mast; 19.	Obscured by N. breakwater. **Radiobeacon.**
27370 *E 4804*	— N. side of entrance to inner harbor.		**F. G**	16	2	Mast	
27380 *E 4806*	— S. side of entrance to inner harbor.		**F. R**	16	2	Mast	
27385	— AVIATION LIGHT	39 20 25 10	**Alt. Fl. W. G** period 4ˢ	147	15		
27390 *E 4814*	**Cape St. John, or Spinalonga.**	35 20 25 47	**Gp. Fl. W. (2)** period 13ˢ fl. 0.9ˢ, ec. 3.0ˢ " 0.9ˢ, " 8.2ˢ	160	20	White cylindrical masonry tower, brown dwelling with red roof; 29.	Visible 92°–2°.
27400 *E 4816*	Port Nikolo, Mikro Nisi, Gulf of Miravello.	35 12 25 44	**Fl. — W. R** period 3ˢ	84	W. 10 R. 7	White iron column on dwelling; 27.	R. 36°–200°, W.–321°, obscured elsewhere.
27410 *E 4818*	— Head of new mole	35 12 25 43	**Fl. R** period 1.5ˢ	26	4	Post on hut; 20	
27420 *E 4820*	SITIA BAY: — Cape Vamvakias, (Cape Sitias) NW. side of bay.	35 13 26 08	**Gp. Fl. W. (3)** period 18ˢ fl. 0.4ˢ, ec. 2.0ˢ " 0.4ˢ, " 2.0ˢ " 0.4ˢ, " 12.8ˢ	79	11	Iron structure on hut	Visible 120°–16°.
27430 *E 4822*	— N. side of anchorage	35 13 26 08	**Fl. G** period 1.5ˢ	36	6	Iron column on hut; 19	Visible 200°–42°.
27435 *E 4821*	— Pier head	35 12 26 07	**F. R**	25	3		
27440 *E 4824*	**Paximadha Islet**, off E. point of Crete. U.	35 23 26 11	**Fl. — W. R** period 6ˢ fl. 0.3ˢ, ec. 5.7ˢ Cp. W. 1,400, R. 500	120	W. 15 R. 11	White iron tower	W. 19°–284°, R.–314°, obscured elsewhere.
27450 *E 4826*	**Cape Sidero**, NE. extremity of island.	35 19 26 20	**Occ. W** period 10ˢ lt. 7.5ˢ, ec. 2.5ˢ	164	20	Circular tower, dwelling; 49.	

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			CRETE (G.)				
		N. E.					
27455 *E 4828*	Point Salmoni	35 12 26 19	**Fl. W** period 6^s	115	10		Visible 84°–353°.
27460 *E 4830*	Koufonisi	34 56 26 08	**Gp. Fl. W. (2)** period 16^s fl. 1^s, ec. 2^s " 1^s, " 12^s	239	18	Iron lattice obelisk, hut; 19.	
27468	Vrakhonisis Kavallos	35 02 26 14	**Gp. Fl. W. (3)** period 9^s fl. 0.3^s, ec. 1.5^s " 0.3^s, " 1.5^s " 0.3^s, " 5.1^s	95	11	Round iron tower with framework obelisk; 16.	Visible 181°–225°, 252°–63°, 69°–103°.
27469	Point Theofilos	34 59 25 30	**Gp. Fl. W. (2)** period 12^s fl. 0.5^s, ec. 2.5^s " 0.5^s, " 8.5^s	246	11	Round iron tower with framework obelisk; 16.	Visible 262°–86°.
27470 *E 4832*	Iera Petra, corner of fort. **U.**	35 00 25 44	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	33	7	Iron pyramidal structure; 10.	Visible 195°–105°.
27472	Gaidhouronisi	34 53 25 41	**Fl. W** period 7.5^s	41	11		Visible 56°–267°.
27480 *E 4836*	Ayia Galini, on mole	35 06 24 42	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	26	7	Concrete mast △; 19	
27490 *E 4842*	Lutro Island, E. summit. **U.**	35 11 24 05	**Fl. W** period 10^s fl. 2^s, ec. 8^s	46	9	Iron column on hut; 19	
27500 *E 4834*	**Cape Lithion**	34 55 24 45	**Fl. W** period 7^s fl. 0.3^s, ec. 6.7^s	108	15	White iron tower; 13	Visible 301°–176°. Obscured by Paximadi Island 123° to 132°.
27510 *E 4840*	Cape Tripiti, S. end of Gavdhos Island.	34 48 24 07	**Gp. Fl. W. (2)** period 16^s fl. 1^s, ec. 2^s " 1^s, " 12^s	151	18	Iron framework obelisk and hut; 16.	Visible 224°–120°.
27520 *E 4838*	Gavdhopoula Islet NW. point.	34 56 24 00	**Fl. W** period 8^s fl. 0.8^s, ec. 7.2^s	183	13	Iron lattice obelisk, hut; 19.	Visible 327°–295°.
27530 *E 4844*	Skhisto Island (Palaiokhora) **U.**	35 13 23 40	**Gp. Fl. W. (2)** period 16^s fl. 1^s, ec. 3^s " 1^s, " 11^s Cp. 1,100	52	13	White iron column; 19	Obscured 214°–246°.
27540 *E 4878*	**Elafonisos Islet,** off SW. coast of Crete.	35 15 23 31	**Gp. Fl. W. (3)** period 24^s fl. 1^s, ec. 3.0^s " 1^s, " 3.0^s " 1^s, " 15.0^s	141	18	Iron framework obelisk and hut; 49.	Visible 306°–165°.

GREECE—ARCHIPELAGO

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
27550 *E 4388*	**Mandhilonisi** near S. end of island.	37 56 24 32	**Gp. Fl. W. (3)** period 10^s fl. 0.3^s, ec. 1.7^s " 0.3^s, " 1.7^s " 0.3^s, " 5.7^s Cp. 176,000	279	26	Cylindrical tower, dwelling.	
	PETALI GULF (KÓLPOS PETALIÓN):						
27560 *E 4344*	— Karistou Bay, head of pier. U.	38 00 24 25	**Fl. G** period 1.5^s	33	6	Iron column	
27562 *E 4345*	— — Head of mole, W. side entrance to harbor.		**Fl.—W. R** period 1.5^s	13	4	Skeleton structure; 13	R. 47°–78°, W. 126°–277°.
27570 *E 4346*	— Paximadion Point	37 57 24 23	**Fl. W** period 5^s fl. 0.4^s, ec. 4.6^s	59	9	Iron framework tower, masonry base; 26.	
27580 *E 4348*	— Foundo Islet, S. end of islet. U.	38 02 24 15	**Fl. R** period 3.6^s fl. 0.3^s, ec. 3.3^s Cp. under 100	23	6	Iron column, hut; 16	
27590 *E 4351*	— Marmari Bay	38 02 24 20	**F. W**		2	Iron post	
27591 *E 4350.5*	— On point 600 yards NW x W of Marmar Bay.	38 03 24 19	**Fl. R** period 1.5^s	29	4	Iron framework obelisk; 16.	
27598 *E 4346.5*	— Akra Punta	37 53 24 01	**Fl.—W. R** period 1.5^s	28	W. 7 R. 4	Framework obelisk	W. 123°–250°, R.–277°, W.–83°, obsc.–123°.
27600 *E 4347*	— Kokkinisia Rock, SE of Velani Point.	37 59 24 02	**Fl. W** period 1.5^s	26	7	White iron tower, mast; 13.	
27610 *E 4347.1*	— Trialia , on submerged outer end of new mole.	38 01 24 01	**Fl. G** period 1.5^s	26	5	White iron hut, mast; 13.	
27620 *E 4350*	— Dhipsa Rock U.	38 07 24 07	**Fl. W** period 4^s fl. 0.2^s, ec. 3.8^s Cp. 300	56	11	White iron tower; 10	
	EVRIPOU CHANNEL (NOTIOS EVVOIKÓS KÓLPOS):						
27630 *E 4354*	— Levkasia Islet, NW. end of Berdugi Islands Group.	38 11 24 06	**Fl. — R. G** period 3^s fl. 0.3^s, ec. 2.7^s	56	8	White iron tower; 6	G. 335°–122°, R.–300°, obscured elsewhere.
27640 *E 4352*	— Ligia Islet, SE. end of Berdugi Islands Group.	38 11 24 07	**Gp. Fl. W. (2)** period 12^s fl. 0.3^s, ec. 1.4^s " 0.3^s, " 10^s	33	10	White iron tower; 13	Visible 123°–91°.
27650 *E 4355*	— Cape Agia Marina	38 12 24 05	**Fl. — R. G** period 3^s fl. 0.3^s, ec. 2.7^s	56	8	Iron framework obelisk, hut; 16.	G. 130°–282°, R.–0°.
27660 *E 4358*	— Aliveri Bay, E. end of breakwater.	38 23 24 03	**Fl. R** period 1.5^s	33	7	Iron column, hut; 19	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREECE—ARCHIPELAGO						
	EVRIPOU CHANNEL (NOTIOS EVVOIKÓS KÓLPOS):	N. E.					
27670 *E 4360*	— Scala, Oropos Bay, SE. point of bay. **U.**	38 19 23 49	**Fl. W** period 4^s fl. 0.2^s, ec. 3.8^s Cp. 900	19	9	White iron tower, concrete base; 10.	
27680	— Oropos		F. R	19	1	Iron mast	
27690 *E 4362*	— Eretria, on rock near head of mole, NW. side of entrance.	38 23 23 48	**Fl. — W. R** period 1.5^s	26	W. 9 R. 7	Iron column, hut	W. 342°–61° over navigable waters, R. elsewhere.
27700 *E 4366*	— Burj Narrows, on point opposite Burj.	38 24 23 38	**Occ. W** period 5^s lt. 4^s, ec. 1^s Cp. 300	30	11	Square tower on dwelling; 29.	
27710 *E 4368*	— Passandasi **U.**	38 25 23 37	**Fl. — R. G** period 3^s fl. 0.3^s, ec. 2.7^s	30	R. 5 G. 5	Iron framework obelisk, hut; 23.	G., N. of 58°, R., S. of 191°, obscured elsewhere.
27720 *E 4370*	— Perama Point	38 26 23 36	**Fl. R** period 2^s fl. 0.3^s, ec. 1.7^s	36	6	Iron column, hut; 19	Traffic signals. A F. W. light is shown on ferry pier.
27730 *E 4374*	— Khalkis (Euripo) center of bridge.		**F. R**		3		*Shown when bridge is closed.* 2 F. G. lights are shown on W. side and 2 F. R. lights on E. side when bridge is open. Traffic signals.
27740 *E 4372*	— — W. shore of strait	38 28 23 36	**F. G**	39	2	Framework structure	
27750 *E 4378*	— Kaki Kefali, E. side of N. entrance to strait.	38 28 23 36	**F. R**	68	9	Square tower; 39	
27760	— Karamtina Point	38 28 23 35	**F. G**	19	3	Iron post	
	ATALANTE (ATALANTI) CHANNEL (VÓRIOS EVVOIKÓS KOLPÓS):						
27770 *E4380*	— Nea Artaki (Vattronda Bay).	38 30 23 38	**Fl. R** period 1.5^s	30	4	Hut with mast; 20	Visible 287°–180°.
27780 *E 4382*	— Cape Politka **U.**	38 34 23 32	**Fl. W** period 3.5^s fl. 0.3^s, ec. 3.2^s	20	9	White iron tower, masonry base; 10.	
27790 ***E 4408***	— Larimna (Lamnes)	38 33 23 18	**Fl. G** period 5^s fl. 0.3^s, ec. 4.7^s	29	5	Iron column; 19	
27800 ***E 4409***	— Stalamata Point	38 38 23 20	**Gp. Fl. W. (2)** period 12^s fl. 0.3^s, ec. 1.2^s " . 0.3^s, " . 10.2^s	50	12	Iron framework obelisk, hut; 19.	Visible 113°–302°.
27810 *E 4384*	— Limni, W. point of bay.	38 46 23 19	**Fl. R** **period 1.5^s**	85	7	Iron column; 13	
27820 *E 4412*	— Atalante Island, Agios Nicholas Islet, off NW. point of island.	38 41 23 0	**Fl. R** period 1.5^s	32	7	Iron column; 16	Visible 43°–266°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREECE—ARCHIPELAGO						
27830 *E 4416*	ATALANTE (ATALANTI) CHANNEL (VÓRIOS EVVOIKÓS KOLPÓS): — Cape Arkitsa (Akr. Arkitsa).	N. E. 38 46 23 03	**Alt. Gp. Fl. (3) — W. R.** period 10^{s} W. Fl. 0.3^{s}, ec. 1.3^{s} W. Fl. 0.3^{s}, ec. 3.9^{s} R. Fl. 0.3^{s}, ec. 3.9^{s} Cp. W. 3,400, R. 3,000	55	14	Round tower, dwelling; 49.	
27835 ***E 4411***	**— Cape Therma**	**38 51** **23 03**	**F. R**	**19**	**3**	**Iron column; 14**	
27840 *E 4410*	— Yialtra Bay **U.**	38 52 23 00	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	23	9	Iron column, hut; 19	
27850 *E 4422*	— Cape Knemis (Vromo Limni Point). **U.**	38 47 22 51	**Fl. — W. R** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s} Cp. W. 300, R. 100	29	W. 10 R. 8	White iron tower, red band.	W. 98°–140°, R. –230°, W. –278°.
27860 *E 4420*	— Strongyli Islet, summit, southernmost of Likhada Islands.	38 49 22 50	**F. — W. R** Cp. W. 600, R. 100	134	W. 14 R. 9	White cylindrical masonry tower, dwelling; 30.	R. 113°–293°, W. –113°.
27870 *E 4430*	Cape Drepanon	38 52 22 46	**Fl. W** period 10^{s} fl. 2^{s}, ec. 8^{s}	26	9	White iron obelisk, concrete base; 16.	
27880 *E 4424*	Cape Kiliomeli	38 51 22 42	**Alt.—F. W. Fl. R.** period 30^{s} W. 23^{s}, R. 7^{s} Cp. W. 300, R. 100	29	W. 9 R. 7	Cylindrical iron tower	Reserve light F. W.
27890 *E 4428*	Port Stylis, on quay	38 55 22 38	**F. R** Cp. under 100	39	5	White iron obelisk with ladder; 30.	The channel entrance is marked by two buoys showing Fl. R. and Fl. G.
27900	— 0.55 mile, 137° from light on pier.	38 54 22 38	**Fl. R** period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	26	4	Iron tower, mast; 13	
27910	— 0.55 mile, 134° from light on pier.	-------	**Fl. G** period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	26	4	Iron tower, mast; 13	
27920 *E 4432*	OREOS CHANNEL (DHIAVLOS OREÓN): — Cape Vasilina, S. entrance to channel.	38 52 22 52	**Occ. — W. G** period 5^{s} lt. 4^{s}, ec. 1^{s}	33	W. 12 G. 7	Square masonry tower, dwelling; 26.	G. 25°–41°, W. elsewhere. Reserve light F., — W., G.
27930 *E 4434*	— Oreos Shoal **U.**	38 57 23 04	**Fl. W** period 3.6^{s} fl. 0.3^{s}, ec. 3.3^{s} Cp. under 100	23	7	Pyramidal iron beacon on column; 13.	

GREECE—ARCHIPELAGO

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	OREOS CHANNEL (DHIAVLOS OREÓN):	N. E.					
27940 *E 4436*	— Oreos Bay, on pier at Skala.	38 57 23 06	**Fl. R** period 1.5ˢ	19	7	Iron tower with mast; 13.	
27950 *E 4440*	— Argyronesos, E. extremity of island, S. entrance to Trikeri Channel.	39 01 23 05	**Alt. Fl.—W. R** period 10ˢ W. Fl. 0.3ˢ, ec. 4.7ˢ R. Fl. 0.3ˢ, ec. 4.7ˢ Cp. 4,500	118	16	Square masonry tower, dwelling; 23.	
27960 *E 4390*	**Doro Islet, (Cape Kafirévs)**, N. entrance to Doro Channel **U.**	38 09 24 37	**Fl. W** period 7ˢ fl. 0.3ˢ, ec. 6.7ˢ Cp. 1,300	112	16	White iron tower, square base; 10.	Visible 98°–6°.
27970 *E 4392*	Port Petries, N. side of entrance. **U.**	38 25 24 12	**Fl. G** period 10ˢ fl. 2.5ˢ, ec. 7.5ˢ	131	5	Iron column; 19	Visible 185°–82°.
27980 *E 4398*	**Prassudo Islet**, summit **U.**	38 40 24 15	**Fl. W** period 5ˢ fl. 0.2ˢ, ec. 4.8ˢ Cp. 11,500	138	17	Cylindrical masonry tower, dwelling; 57.	
27990 *E 4394*	Port Kemi, inner mole head.	38 38 24 07	**Fl. R** period 1.5ˢ fl. 0.2ˢ, ec. 1.3ˢ	26	4	Concrete column on hut; 20.	
27991 *E 4396*	— Head of outer mole, E. side of entrance to harbor.	38 38 24 07	**Fl. G** period 1.5ˢ	30	6	Concrete column; 20	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREECE—ARCHIPELAGO						
	NORTHERN SPORADES: — Scopelos(Skiros) Island:	N. E.					
28000 *E 4400*	— — **Lithari Point, (Akr. Lithari)** SE. extremity of island.	38 47 24 41	**Gp. Fl. W. (4)** period 120^s fl. 2.5^s, ec. 12.5^s " 2.5^s, " 12.5^s " 2.5^s, " 12.5^s " 2.5^s, " 72.5^s Cp. 316,000	315	25	Square tower, dwelling; 41.	Visible 189°–67°. At a distance of less than 17 miles the light is obscured N. of 59° by Sarakino Island.
28010 *E 4402*	— — Valaxa Island, Latomeio Point, SW. side of island. **U.**	38 48 24 29	**Fl. W** period 3.3^s fl. 0.3^s, ec. 3^s Cp. 100	59	9	White iron tower, red band.	Obscured 108°–203°, also N. of 298°.
28020 *E 4404*	— — Linaria Cove	38 50 24 32	Fl. W. R. G period 1.5^s	59	W. 10 R. 7 G. 7	Iron tower; 16	R. 6°–23°, W.–135°, G.–180°, obsc. elsewhere.
28024 *E4406*	— — North Podia Rock.	39 01 24 28	**Fl. W** period 10^s fl. 1^s, ec. 9^s	148	10	Iron tower with column; 16.	
28030 *E 4482*	— **Psathura Island,** N. islet of Northern Sporades.	39 30 24 11	**F. W** Cp. 4,400	131	17	Cylindrical masonry tower, dwelling; 82.	Obscured by islands to the southward.
28032 *E4480*	— Palanisa	39 19 24 02	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	88	7	Cylindrical iron tower, framework column; 16.	Visible from 270°–189°.
28034 *E4478*	— Akr Telion	39 08 23 49	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s	59	13	White iron tower, masonry base.	Visible 293°- 171°
28036 *E4476*	— Mikro Islet	39 08 23 48	**Fl. G** period 4^s fl. 0.3^s, ec. 3.7^s	75	6	White iron tower, masonry base.	Visible 76°–31°.
28040 *E 4474*	— **Skopelos Island,** Guruni Head, NW. point of island.	39 12 23 35	**F. Fl. W** period 120^s F. 76^s, faint lt. 18^s Fl. 8^s, faint lt. 18^s Cp. Fl. 17,400; F. 2,200	229	Fl. 21 F. 18	Square masonry tower, dwelling; 47.	Visible 29°–244°.
28042 *E4475*	— Glossa	39 10 23 37	**Qk. Fl. R**	18	4	Iron obelisk; 13.	
28050 *E 4472*	— **Repi Island,** summit, W. side of Skopelos Channel.	39 09 23 32	**Gp. Occ., (2)— W. R.** period 10^s lt. 6^s, ec. 1^s " 2^s, " 1^s Cp. W. 1,000, R. 200	138	W. 18 R. 15	Cylindrical masonry tower, dwelling; 36.	W. 183°–261°, R.–313°, W.–20° obsc. elsewhere. Reserve light, F.,—W., R.
28060 *E 4466*	— Skiathos Island, Praso Nisi. **U.**	39 08 23 29	**Fl. R** period 3.5^s fl. 0.3^s, ec. 3.2^s Cp. 100	45	7	Iron post, white hut, masonry base; 20.	
28070 *E4468*	— Skiathos Harbor, Dhaskalonisi. **U.**	39 10 23 30	**Fl. R** period 1.5^s	36	5	Tower with column; 16.	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREECE—ARCHIPELAGO						
	NORTHERN SPORADES:	N E					
28078 *E 4456*	— Levkonisia of NE. coast of Nisos Evvoia.	38 57 23 27	**Gp. Fl. W. (3)** period 15^s fl. 0.5^s, ec. 1.2^s " 0.5^s, " 1.2^s " 0.5^s, " 11.1^s	69	11	Iron framework obelisk; 16.	Visible 138°–18°, obsc. elsewhere.
28080 *E 4458*	**Pondiko Nisi (Akr. Ártemísion)** off N. side of Negropont, at E. entrance to Trikeri Channel.	39 03 23 20	**F.—W. R. and Occ. W.** Cp. W. 2,200, R. 400	203	W. 20 R. 12	White cylindrical masonry tower, dwelling; 62.	F. W. 77°–178°, Occ. W.–187°, F. W.–194°, F. R.–234°, F. W.–317°, obsc. elsewhere.
28090 *E 4464*	Cape Sepias (Akr. Sipiá).	39 11 23 21	**Fl. W** period 10^s fl. 2^s, ec. 8^s Cp. 2,200	344	17	White iron tower	Visible 161°–32°.
28100 *E 4462*	Lephtari Rock, SW. side of Skiathos Channel. U.	39 08 23 21	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 700	36	11	Iron structure on beacon, black and red bands; 43.	
	GULF OF VOLOS (PAGASITIKÓS KÓLPOS):						
28110 *E 4442*	**— Cape Kavulia** (Akr. Trikeri), **E. side of entrance to gulf.**	39 06 23 03	**Alt. Gp. Fl. (3) —W. G.** period 20^s W. fl. 1^s, ec. 1.4^s W. fl. 1^s, ec. 7.8^s G. fl. 1^s, ec. 7.8^s	52	13	Square masonry tower; 30	Reserve light F. R.
28115 *E 4444*	**— Tsingeli, head of pier**	39 10 22 51	**F. W**		2	Wooden post	*Provisional.*
28120 *E 4446*	— Cape Sesklo, (Seskoulo) in approach to Volos:	39 21 22 57	**Fl. R** period 1.5^s	62	7	Iron tower with column; 16.	Visible 148°–5°.
28130 *E 4448*	— Agria, head of central pier.	39 20 23 00	**F. R**	26	2	Iron post	
	— Volos:						
28140 *E 4454*	— — Head of breakwater.	39 21 22 56	**Fl. G** period 1.5^s	27	7	Iron framework obelisk; 20.	A F. R. light is shown from the head of the middle pier at Aona; 3 miles E. of Volos.
28150	— — Pierhead		**F. R**	23	1	Iron post	
	GULF OF SALONIKI (THERMIKÓS KÔLPOS) (KÓLPOS THESSALONIKIS):						
28155 *E 4489*	**— Akr Dhermatas**	39 48 22 51	**Gp. Fl. W. (2)** period 10^s fl. 1^s, ec. 2^s " 1^s, " 6^s	295	16	Iron pyramid; 10	Visible 131°–345°.
28157 *E 4492*	— Near Stómion	39 52 22 44	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	72	5	Iron tower with column; 16.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

GREECE—ARCHIPELAGO

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GULF OF SALONIKI (THERMIKÓS KÔLPOS) (KÓLPOS THESSALONIKIS):	N. E.					
28170 *E 4494*	— **Panomi (Epanomís) Point,** NE. side of gulf. **U.**	40 22 22 53	**Gp. Fl. W. (3)** period 18^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 1.0^{s} " 0.3^{s}, " 15.1^{s} Cp. 400	30	10	White obelisk; 20	Radar reflector.
28180 *E 4496*	— Atherida Point **U.**	40 22 22 39	**Fl. W.** period 10^{s} fl. 2^{s}, ec. 8^{s}	42	12	White iron obelisk, hut; 30.	
28190 *E 4498*	— Cape Carat (Akr. Megalo) **U.**	40 30 22 49	**Fl.—W. R.** period 10^{s} fl. 0.4^{s}, ec. 9.6^{s}	99	16	White cylindrical tower	R. 335°-25°, W. -335°.
28200	— Radio Towers SE. side of Bay.	40 31 22 57	**3 Fl. R.** (one at top of each tower). period 1.5^{s}	306			Obstruction lights. F. R. lights are shown below on same towers.
28202 *E 4500*	— AVIATION LIGHT:	40 31 22 58	**Alt. Fl.—W. G.** period 6^{s}	33	15		
28206	— —AVIATION OBSTRUCTION LIGHTS.	40 34 22 58	**2 F. R.**	72	4	On roof of factory	
28210 *E 4502*	— Point Mikro Karaburnu. **U.**	40 35 22 56	**Gp. Fl. G. (3)** period 15^{s} fl. 0.9^{s}, ec. 1.4^{s} " 0.9^{s}, " 1.4^{s} " 0.9^{s}, " 9.5^{s}	56	8	Green iron framework structure, concrete base; 16.	**Radiobeacon.**
28220 *E 4504*	— — Saloniki (Thessaloníkí), W. head of detached breakwater.	40 38 22 55	**Fl. G.** period 2^{s} fl. 0.8^{s}, ec. 1.2^{s}	45	12		
28230 *E 4506*	— — SE. end of detached breakwater.	40 38 22 56	**Fl. R.** period 2^{s} fl. 0.8^{s}, ec. 1.2^{s}	47	12	Iron post	
28240 *E 4508*	— — SE. corner of pier, 1,400 yards 296° from 114-foot White Tower.	40 38 22 56	**F. R.**	46	3	Iron post	
28243 *E 4510*	— — About 140 yards 180° from 114-foot tower.		**2 F. G.** (vertical).	20	4	Iron framework column; 20.	
28245 *E 4507*	— — Head of W. mole.	40 38. 22 54	**F. R. (2 vert.)**	14	1	Iron column; 10	
28247 *E 4488*	— **Posidhion,** E. side of entrance to gulf.	39 58½ 23 22	**Gp. Fl. W. (4)** period 15^{s} fl. 0.5^{s}, ec. 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 2.5^{s} " 0.5^{s}, " 5.5^{s}	75	16	White masonry tower, dwelling; 47.	Eclipse not total within 8 miles.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

GREECE—ARCHIPELAGO

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
28250 *E 4486*	Cape Paliuri (Akr. Kanastraion). U.	N. E. 39 55 23 45	**Fl. R** period 4^{s} fl. 0.2^{s}, ec. 3.8^{s}	95	12	Iron framework beacon, hut; 20.	Visible 183°–71°.
	PORT KUPHO (KUPHÓS) (KOUFÓS):						
28260 *E 4516*	— Pagona Point U.	39 57 23 55	**Fl. G** period 2.5^{s} fl. 0.2^{s}, ec. 2.3^{s} Cp. under 100	62	5	Iron column, hut, masonry base; 20.	Visible 336°–249°.
28270 *E 4518*	— Spilia Point U.	39 58 23 55	**Fl. R** period 2.5^{s} fl. 0.2^{s}, ec. 2.3^{s} Cp. under 100	56	5	Iron column, hut, masonry base; 20.	Visible 186°–47°.
28280 *E 4485*	Gerakini Scala	40 16 23 28	**Fl. R** period 1.5^{s}	23	7	Iron framework obelisk; 19.	
28290 *E 4484*	Marmara Road, N. of Tripotamus.	40 05 23 48	**Fl. R** period 1.5^{s}	36	7	Iron post, hut; 20	
28300 *E 4520*	**Cape Drepanon** U.	39 57 23 59	**Gp. Fl. W. (2)** period 10^{s} fl. 1.0^{s}, ec. 2^{s} " 1.0^{s}, " 6^{s}	147	16	Iron framework obelisk, hut; 20.	
28305 *E4524*	Frini	40 19 23 58	**Fl. W. R** period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	41	W. 8 R. 5	Round iron tower; 16	W. 103°–323°, R.–103°.
28310 *E 4526*	Daphni (Dhafni), E. side of Gulf of Monte Santo.	40 13 24 14	**Fl. R** period 1.5^{s}	56	7	Iron post, hut; 20	Obscured by Kastana Point when bearing less than 8°.
28320 *E 4522*	Adolo Point, S. side of entrance to Sikia Bay. U.	40 02 24 01	**Qk. Fl. R**	36	5	Iron column, hut; 19	Visible 161°–291°. Visible inside the bay from 90°.
28330 *E 4528*	Cape Kapso U.	40 07 24 18	**Gp. Fl. W. (3)** period 18^{s} fl. 0.3^{s}, ec. 1.3^{s} " 0.3^{s}, " 1.3^{s} " 0.3^{s}, " 14.5^{s}	92	12	Iron framework obelisk, hut.	Visible 284°–140°.
28340 *E 4530*	Cape Laura (Akrathos) U.	40 09 24 24	**Fl. W** period 10^{s} fl. 2.5^{s}, ec. 7.5^{s}	155	13	Iron framework obelisk, hut.	Visible 177°–45°.
28350 *E 4532*	Cape Plati, N. point of islet N. of Cape Plati. U.	40 27 24 01	**Fl. W** period 2.5^{s} fl. 0.2^{s}, ec. 2.3^{s}	98	7	Iron column, hut; 19	Visible 49°–307°.
28360 *E 4536*	Kaykanas Islet, E. end.	40 37 23 48	**Gp. Fl. W. (3)** period 18^{s} fl. 0.3^{s}, ec. 1.3^{s} " 0.3^{s}, " 1.3^{s} " 0.3^{s}, " 14.5^{s}	77	12	Iron beacon; 20	Visible 126°–86°.
28370 *E4537*	Stavros	40 40 23 14	**F. W**	13	1	Wooden mast	
28380 *E 4538*	Deuthero Cove, N. side, about 915 yards 136° from head of pier. U.	40 50 24 19	**Qk. Fl. W** 80 fl. per min.	66	7	Iron column, hut; 19	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GREECE—ARCHIPELAGO						
	KAVALLA BAY (KÓLPOS KAVÀLLAS):	N. E.					
28390 *E 4540*	— **Kavalla**, E. side of entrance. U.	40 56 24 25	**F. Gp. Fl. W. (2).** period 10^s f. 3.3^s, ec. 1.4^s fl. 0.3^s, " 3.3^s " 0.3^s, " 1.4^s Cp. F. 1,600, Fl. 14,000	118	16	White iron tower, masonry base.	
28400 *E 4542*	— Head of S. breakwater.	-------	**F. G**	30	2	Iron post	
28410 *E 4541*	— Head of W. breakwater.	40 56 24 24	**F. R**	21	3	Iron mast and hut; 13	
28420 *E 4546*	Koan Point (Cape Koyun Nakla). U.	40 51 24 38	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 1.4^s " 0.3^s, " 8.0^s	26	10	Iron column, hut; 19	Visible 241°–146° except where obscured by Thaso Pulo and the coast of Kalamuti.
	ORMOS KERAMOTIS:						
28430 *E4546.3*	— E. of Koan Point Light.	40 51 24 42	**Fl. W** period 2^s fl. 0.2^s, ec. 1.8^s	16	9	Pyramidal structure; 10	Visible 291°–269°.
28440 *E4546.2*	— Head of pier U.	------	**Fl. R** period 1.5^s	23	4	Iron hut, mast; 13	Visible 99°–149°.
	THASOS ISLAND:						
28450 *E 4548*	— **Thaso Pulo.** S. end of islet. U.	40 49 24 43	**Fl. W** period 4.5^s fl. 0.3^s, ec. 4.2^s Cp. 300	85	9	Iron column, hut; 19	Visible 225°–75°.
28454	— Thasos, head of S. breakwater.	40 47 24 43	**F. G**	16	1	Stone pillar	
28456	— — Head of N. breakwater.	-------	**F. R**	15	1	Iron mast	
28458 *E4549*	Cape Prenos U.	40 46 24 34	**Fl. W** period 10^s fl. 1^s, ec. 9^s	21	10	Iron tower with column; 16.	Visible 37°–238°.
28459 *E4547.5*	Cape Atspás Point U.	40 38 24 31	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 7.5^s	42	11	Iron hut with framework structure; 16.	Visible 354°–180°.
28459.5 *E4547.7*	Cape Baboura (St. Georgios). U.	40 36 24 46	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	108	10	Round iron tower; 7	Visible 200–126.
28460 *E 4550*	**Fenar Point (Fener Burnu)**, Kara Aghatch Bay, E. side of entrance. U.	40 57 25 08	**Fl. W** period 7.5^s fl. 2.5^s, ec. 5^s	82	7	Iron column, hut; 19	
28470	— *Lighted buoy,* 1.3 miles 299° from Fenar Point Light.	40 58 25 06	**Fl. G** period 4^s fl. 0.3^s, ec. 3.7^s	10	5	Buoy	
28480	— Porto Lago, Entrance Range, front.	41 00 25 08	**F. W**	18	3	Iron post	Range lights.
28480.1	— — Rear, 140 yards from front.	-------	**F. W**	24	3	Iron post	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	FENAR POINT:	N. E.					
28490	— Channel Entrance, inner E. side.	41 00 25 07	**Qk. Fl. G**	11	3	Cylindrical iron tower on dolphins; 6.	
28500	— — Inner W. side		**Qk. Fl. R**	11	3	Cylindrical iron tower on dolphin; 6.	
28510	— — Outer E. side		**Qk. Fl. G**	11	4	Cylindrical iron tower on dolphin; 6.	
28520	— — Outer W. side		**Qk. Fl. R**	11	4	Cylindrical iron tower on dolphin; 6.	
28530 *F4554*	**Alexandroupolis,** near entrance to inner harbor	40 51 25 52	**F. Gp. Fl. W.(3)** period 3 min. F. 90^s, ec. 12^s fl. 6^s, " 24^s " 6^s, " 24^s " 6^s, " 12^s	89	16	White cylindrical tower, dwelling attached; 59.	Signal station.
28540 *E4555*	— End of outer breakwater.		**Fl. R** period 1.5^s	33	4	Column; 19	
28542 *E4555.2*	— Head of E. breakwater.		**Fl. G** period 1.5^s	33	4	Column; 19	
	SAMOTHRAKI ISLAND:						
28550 *E 4556*	— Cape Akrotiri U.	40 28 25 27	**Gp. Fl. W. (2)** period 10^s fl. 1.0^s, ec. 2.0^s " 1.0^s, " 6.0^s	46	12	Iron framework mast, hut; 33.	Visible 326°–242°.

ZONE OF THE STRAITS (T.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TENEDOS ISLAND (BOZÇAADA AD) (T):						
28560 *E4564*	— **Ponente Point** U.	39 50 25 58	**Gp. Fl. W. (2)** period 15^s fl. 1^s, ec. 3^s " 1^s, " 10^s	105	14	White masonry tower; 49.	Obscured on bearings less than 334°. *Reported Gp. Fl. W. (2) ev. 30^s, (Feb. 1959).*
28570 *E 4568*	— Oinos Point, 2.5 miles 192° from Gadaro Light.	39 48 26 05	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	113	10		
28580 *E 4566*	— Port Tenedos, head of breakwater, S. side of entrance. U.	39 50 26 05	**F. R**	19	5	Wooden pyramidal structure; 13.	
28590 *F4586*	— Little Gadaro Islet, about 2.4 miles N. of Oinos Point Light. U.	39 50 26 06	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 500	31	10	Concrete tower; 29	
28600 *E 4560*	— Tavshan Adasi, on Mavro Island. U.	39 56 26 03	**Gp. Fl. W. (3)** period 10^s fl. 0.3^s, ee. 0.5^s " 0.3^s, " 0.5^s " 0.3^s, " 8.1^s	147	8	Mast on white concrete tower.	
	LEMNOS (LIMNOS) ISLAND (G:)						
28610 *E 4578*	— **Kombi Point,** summit, off S. side of island.	39 47 25 14	**Gp. Fl. W. (2)** period 5^s fl. 0.3^s, ec. 0.9^s " 0.3^s, " 3.5^s	187	19	White tower, dwelling; 23.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ZONE OF THE STRAITS (T.)						
	LEMNOS (LIMNOS) ISLAND (G)	N. E.					
28620 *E 4580*	— Sangrada Point, Port Mudros. U.	39 51 25 14	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. 300	33	9	Obelisk on white square structure.	
28630 *E4576*	— **Mirina** (Kastron); W. side of Island. U.	39 53 25 03	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	242	13	White obelisk on cubical structure.	A F. R. light is shown on the S. entrance to the boat basin.
28631 *E4576.1*	— Head of breakwater		**Qk. Fl. R** 60 fl. per min		4		
28640 *E4582*	— **Cape Murzephlos**	39 59 25 02	**Gp. Fl. W. (2)** period 16^{s} fl. 1^{s}, ec. 2^{s} " 1^{s}, " 12^{s}	216	17	Iron pyramid; 10	Visible 349°–240°.
28650 *E 4572*	— **Cape Plaka** (Plakas), NE. extremity of island. U.	40 02 25 27	**Gp. Fl. W. (3)** period 10^{s} fl. 0.2^{s}, ec. 1.8^{s} " 0.2^{s}, " 1.8^{s} " 0.2^{s}, " 5.8^{s} Cp. 4,500	164	19	White cylindrical tower, dwelling attached; 59.	Visible 53°–18°.
			F. R Cp. 300	114	13	Same tower	Visible 301°–346°.
28652 *E4585*	Apostoli islet U.	39 34 25 00	**Fl.—W. R.** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	98	W. 11 R. 7	Iron hut; 8	W. 39°–294°, R.–312°.
28654 *E4584*	**Cape Tripiti** U.	39 28 24 59	**Gp. Fl. W (2)** period 10^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, ec. 7.5^{s}	135	11	Round iron tower; 16	Visible 217°–153°.
	TURKEY						
28660 *E 4558*	**Cape Kefalo,** Imbros Island (T). U.	40 10 26 01	**Gp. Fl. W. (3)** period 20^{s} fl. 1.0^{s}, ec. 2.5^{s} " 1.0^{s}, " 2.5^{s} " 1.0^{s}, " 12.5^{s}	74	9	White iron tower; 10	
	DARDANELLES:						
28670 *E 4850*	— **Cape Helles (Teke Burun),** near extremity, N. side of entrance.	40 03 26 11	**Fl.—W. R.** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	164	W. 19 R. 12	White masonry tower; 82.	R. 350°–10°, W.–350°.
28680 *E 4852*	— Rocky Bank, entrance to Morto Bay. U.	40 03 26 13	**Gp. Fl. R (2)** period 15^{s}	15	5	White concrete tower; 15	
28690 *E 4848*	— **Kum Kale (Mendires Cape),** S. side of entrance. U.	40 01 26 12	**Gp. Fl. W (2)** period 10^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 7^{s}	38	6	White stone tower; 13	
28700 *E 4854*	— Kepez Point	40 06 26 22	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	33	11	White masonry tower; 33.	
28710 *E 4856*	— Kilid Bahr, E. angle of Namaziah Fort. U.	40 09 26 23	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7	51	5	White iron framework structure; 13.	

TURKEY

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	DARDANELLES:	N. E.					
28720 *E 4860*	— Chanak (Chanaq) Kalessi, NW. angle of Fort, E. side of the Narrows. U.	40 09 26 24	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	47	4	White iron framework structure; 46.	
28730 *E 4862*	— Nagara Nara Kalessi, NE. side of the Narrows. U.	40 12 26 24	**Gp. Fl. W. (2)** period 5^s	21	9	White cylindrical tower; 20.	
28735 *E4858*	— Eceabat, head of pier.	40 11 26 22	**F. R**	12	2	Gray stone column; 8	Occasional.
28736 *E4859*	— — Head of N. breakwater.		**F. R**				*Occasional.*
28740 *E 4864*	— Bokali Kalessi, on fortress, NW. side of the Narrows. U.	40 13 26 23	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	38	5	White iron framework structure; 33.	
28750 *E 4866*	— Akbas (Ak Bashi) Sestos Point. U.	40 14 26 25	**Gp. Fl. R. (3)** period 10^s	15	5	White concrete tower; 15	
28760 *E 4870*	— Kodjuk Burnu, E. side of the strait. U.	40 16 26 34	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	38	8	White mast; 30	
28770 *E 4872*	— Karakova Burnu, Point Galata. U.	40 19 26 35	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	33	6	White iron framework structure; 33.	
28780 *E 4874*	— Galata Burnu, on shoal. U.	40 21 26 38	**Gp. Fl. R. (2)** period 10^s	14	5	White concrete tower on shoal; 11.	
28790 *E 4876*	— Cardak Burnu, on low sandy point. U.	40 23 26 43	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	38	4	White mast on house; 30.	
28800 *E 4878*	— **Gallipoli (Gelibolu)**, on cliff, NE. of town.	40 25 26 41	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	111	15	White masonry tower; 30.	
	SEA OF MARMARA:						
28810	— *Zindjir Bozan Bank Lighted Buoy*, W. entrance to Sea of Marmara.	40 25 26 46	**Fl. W** period 10^s fl. 1^s, ec. 9^s	13	7	White buoy	
28820	— Dogararslan	40 31 26 52	**Fl. R** period 10^s	108	5	White mast	
28823 *E4880*	— Inee Burun	40 33 27 00	**Gp. Fl. W. (3)** period 10^s	105	12	White masonry structure.	
28830 *E 4896*	— **Hora (Höskoy)**, summit of S. cape.	40 42 27 19	**Gp. Fl. W. (2)** period 5^s	164	19	White iron tower; 72	
28840 *E4896.5*	— Tekirdag, on pier	40 58 27 31	**F. R**		3		**Radiobeacon.**
28850 *E4897*	— Venedik Tasi	40 57 27 54	**Fl. R** period 3^s Cp. 100	30	5	Concrete tower, concrete base; 17.	
28860 *E 4898*	— **Marmaraereglisi (Erekli)**, on point, S. side of bay.	40 58 27 58	**Fl. W** period 15^s fl. 1.5^s, ec. 13.5^s	173	15	White masonry tower; 26.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			TURKEY				
	SEA OF MARMARA:	N. E.					
28862 *E 4899*	— On shoal spit, about 0.35 mile 34° from Marmaraeregli Light.	-------	**Fl. G** period 3^s	20	3	-------	
28864 *E 4899.5*	— W. head of Center Breakwater.	41 04 28 15	**F. R**	----	----	-------	
28870 *E 4901*	— Yesilkog, AVIATION LIGHT.	40 58 28 50	**Alt. Fl.—W. G.** period 7.5^s	----	10	-------	*Occasional*
28880 *E 4902*	— **Stefano Point** (Yeshil Kioi) approach to the Bosporus.	40 57 28 51	**Gp. Fl. W. (2)** period 30^s fl. 2^s, ec. 4^s " 2^s, " 22^s	75	15	White masonry tower; 49.	**Siren**: blast 3^s silent 27^s 27^s
28890 *E 4894*	— **Hayirsiz Ada,** N. summit of island. **U.**	40 39 27 30	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	361	8	White cylindrical tank; 20.	**Siren**: 3 blasts every 60^s.
28900 *E 4882*	— E. Kintik (Roun Rock) off W. side of Arablar Island. **U.**	40 31 27 29	**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. 100	49	8	White iron tower; 26	
28910 *E 4892*	— **Fener Adasi,** off E. end of Marmara Islet. **U.**	40 38 27 46	**Gp. Fl. W. (3)** period 15^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 9.5^s	131	12	White iron tower on dwelling; 29.	
28920 *E 4884*	— Balyos (Palios) Point, W. point of Artaki Peninsula.	40 30 27 42	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s	125	8	Mast on white house; 39.	
28930 *E 4890*	— Kapsala Burnu, E. point of Artaki Peninsula. **U.**	40 29 28 02	**Gp. Fl. R. (2)** period 10^s	65	5	White concrete tower, dwelling.	
28940 *E 4888*	— Bandirma Liman, head of N. mole.	40 22 27 59	**F. R**	7	6	Red iron post	
28950 *E 4889*	— — Head of S. mole	40 22 27 58	**2 F. G.** (vert.)	21	2	White iron post	
28960 *E 4886*	— **Ayios Andrea, Mola Islands,** on NW. point of island.	40 28 28 04	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	249	10	White mast on dwelling; 39.	Obscured 77°– 80°.
28970 *E 4900*	— Boz Burnu, W. extremity.	40 32 28 47	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	249	10	White stone tower, dwelling; 28.	
28978 *E 4920*	**— Hayirsiz Ad, S. point**	**40 47 29 16**	**Fl. W** **period 3^s** **fl. 0.3^s, ec. 2.7^s**	57	5	Iron framework structure; 20.	
	GULF OF ISMID:						
28980 *E 4922*	— **Yelken Kaya Burnu,** N. side of entrance.	40 45 29 21	**Fl. W** period 30^s fl. 0.3^s, ec. 27^s	66	14	White cylindrical masonry tower; 30.	
28990 *E 4930*	— Samanli Chiflik (Samanlidéré), head of pier.	40 39 29 15	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	26	4	White concrete tower	

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TURKEY						
	GULF OF ISMID:	N. E.					
29000 E 4924	— Dil Burnu, S. entrance point.	40 44 29 31	**Fl. W** period 5^s	39	6	White mast	
29010 E 4926	— Kava Burnu, E. bank of Dil Deresi River.	40 46 29 31	**Gp. Fl. W. (3)** period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 5.5^s	36	10	White mast on dwelling; 21.	
29020 E 4928	— Zeitun Burnu, extremity of point.	40 44 29 47	**Gp. Fl. W. (2)** period 5^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 3.4^s	33	8	Mast on white house	
29022	**— Derince Burnu, pierhead**	**40 45** **29 50**	**F. R**	-----	----	--------------------	
29030 E 4929	— Geulzuk (Goleuk) Burnu.	40 44 29 49	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	16	5	White concrete tower; 15.	
29040	Heybelfada, head of mole.	40 52 29 06	**F. R**	16	1	Square mast, concrete base; 10.	A F. R. light exists on radio tower 0.1 mile S.
29050 E 4916	Vorthonas Rock, S. extremity of Mal Tepe Bank. U.	40 55 29 05	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	20	8	White iron column; 20	Electric lights mark power cable between Chamasir Burun, Prinkipo, and Halki.
29055	**— Buyukada Kanal, Maltepe, head of pier.**	**40 54** **29 08**	**F. R**	---	---	--------------------	
29060 E4918	Sivriada (Oxia Island) U.	40 52 28 58	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	313	8	White conical tower, concrete base.	
29070 E 4914	Sigli (Silğik) Vorthonas Rock, Mal Tepe Bank, SE. of the Bosporus. U.	40 56 29 05	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s	15	8	White iron column	
29080	Bostanci, head of mole.	40 57 29 06	**F. R**	16	1	Square mast; 10	
29090 E 4910	Fener Burnu (Fanar Burun), on W. point, SE. of the Bosporus.	40 58 29 02	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	82	10	White cylindrical masonry tower; 65.	**Siren:** blast 4^s, silent 56^s.
29100	Fenerbahce	40 58 29 02	**F. R**	16	1	Square mast; 10	
29110 E 4912	Oreketasi (Hereke Tash)	40 58 29 02	**Qk. Fl. R** 60 fl. per min.	16	2	White concrete column on masonry base.	
29120 E 4909	Haydarpasa, head of breakwater.	40 59 29 01	**2 F. R. (vert.)**	26	5	White iron mast on hut	
	THE BOSPORUS:						
29130 E4934	**— Ahirkapi Burnu** (Istanbul).	41 00 28 59	**Fl. W** period 6^s fl. 0.6^s, ec. 5.4^s	115	16	White tower with dwelling; 115.	**Siren:** 2 blasts ev. 30^s. **Radiobeacon:** Exists about 3.5 miles westward.
29140 E 4904	— Hyderpasa Pasha Inner Detached Breakwater, NW. extremity.	41 00 29 01	**F. R**	49	4	White tower; 47	**Bell:** 2 short strokes at short intervals. A F. G. light is shown from NW. corner of Galata Quay and a F. R. light from NW. corner of passenger quay.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TURKEY						
	THE BOSPORUS: — Hyderpasa Pasha	N. E.					
29150 *E 4906*	— — SE. extremity		**F. G**	49	4	White tower; 47	**Bell:** 2 strokes at short intervals.
29155 *E 4907*	— Hyderpasa Pasha Outer Detached Breakwater SE. extremity.		**F. R**		3		
29160 *E4935*	— Leander Tower, Kiz Kulesi, E. side of Strait. **U.**	41 01 29 00	**Fl. R** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	36	4	White framework structure; 13.	Lights mark power cable between Kiz Kulesi and Saray Burnu. A bell, 1 stroke ev. 5ˢ, is located at Saray Burnu (Old Seraglio Point).
29170 *E 4938*	— Kuru Chesmch (Cesme), on Duimi Bank, W. side of the strait. **U.**	41 03 29 02	**Fl. G** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	23	3	Metal pylon on masonry base, black and white bands; 23.	
29180 *E 4944*	— Kandilli Point, E. side of strait. **U.**	41 04 29 03	**Fl. R** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	90	4	White iron column; 30	Obscured by trees to southward. A F. R. aviation obstruction light is shown about 3¼ miles 140°.
29190	— Bebek Bank Front No. 1.	41 04 29 03	**F.—R. G**	6	3	Black and red concrete column.	
29200	— — No. 3, E. side of channel.		**F.—R. G**	6	3	Black and red concrete column.	
29210	— — No. 5, E. side of channel.		**F.—R. G**	6	3	Black and red concrete column.	
29220	— — No. 2, W. side of channel.		**F.—R. G**	6	3	Red and black concrete column.	
29230	— — No. 4		**F.—R. G**	6	3	Red and black concrete column.	
29240	— — No. 6		**F.—R. G**	6	3	Red and black concrete column.	
29250 *E 4940*	— Bebek, extremity of bank. **U.**	41 04 29 03	**Fl. G** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	15	3	Black masonry pyramid; 15.	
29260 *E 4946*	— Rumeli Hissar, on wall of fortress, W. side of the strait. **U.**	41 05 29 04	**Fl. G** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	23	3	White framework structure on square white tower; 56.	
29270 *E 4948*	— Kanlica Point, E. side of the strait. **U.**	41 06 29 04	**Fl. R** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	82	4	White iron column; 30	
29280	— *Yeni Kioi (Yeniköy Siğlik) Lighted Buoy*, on edge of bank.	41 07 29 04	**Fl. G** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	12	3	Black buoy, conical topmark.	
29290 *E 4950*	— Kirich (Kirec) Burun, W. side of strait. **U.**	41 09 29 03	**Fl. G** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	26	3	Mast on white dwelling; 20.	

TURKEY

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	THE BOSPORUS:	N. E.					
29300	— *Umur Bank Lighted Buoy*, W. side of bank.	41 09 29 04	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	12	4	Red can buoy	
29310 *E 4954*	— Kavak Point, in fort U.	41 10 29 05	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	52	4	Mast on white house; 26.	*Provisional.*
29314 *E4955*	— Dikili Tas	41 11 29 05	**Fl. G** period 3^{s}	18	3	Beacon	
29320 *E 4956*	— **Cape Rumilli (Rumeli Burnu)**, W. side of Black Sea entrance.	41 14 29 07	**Gp. Fl. W. (2)** period 15^{s}	190	18	White cylindrical masonry tower; 99.	**Siren**: blast 6^{s}, silent 54^{s}. **Radiobeacon.**
29330 *E 4958*	— **Anodolu (Anatoli)**, E. side of Black Sea entrance.	41 13 29 09	**Fl. W** period 30^{s} fl. 3^{s}, ec. 27^{s}	246	20	White masonry tower, dwelling; 65.	
29340 *E 4960*	— Yum Burnu FOG SIGNAL.	41 13 29 10					**Gun**: fired once every 5 minutes.

BLACK SEA—TURKEY

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
29350 *E 4964*	**Kara Burnu**, W. of the Bosporus, on old fort.	41 20 28 40	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	177	19	White stone tower, dwelling.	
29360 *E 4966*	**Igne Ada (Cape Kuri)**, near extremity.	41 52 28 04	**Gp. Fl. W. (2)** period 5^{s}	144	15	White masonry tower, dwelling.	

BLACK SEA—BULGARIA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
29370 *E 4968*	Akhtopol (Agathopoli)	42 06 27 59	**Occ. W** period 4^{s} lt. 2^{s}, ec. 2^{s}	45	5	White cylindrical tower, skeleton superstructure; 37.	
29380 *E4970*	Vasiliko (Michurin), on rock.	42 10 27 55	**Occ. R** period 7^{s} lt. 5^{s} ec. 2^{s}	39	4	Cylindrical concrete tower; 39.	
29390 *E 4971*	— Head of breakwater	42 10 27 54	**Occ. W** period 4^{s} lt. 2^{s}, ec. 2^{s}	37	6	White cylindrical tower; 22.	
29400 *E 4972*	Primorsko, on head of pier.	42 16 27 46	**Fl. W** period 5^{s} lt. 2^{s}, ec. 3^{s}	22	2	White tower	
29410 *E 4974*	**Cape Zeitin**	42 19 27 51	**Gp. Fl. W. (3)** period 17.2^{s} fl. 0.4^{s}, ec. 4^{s} " 0.4^{s}, " 4^{s} " 0.4^{s}, " 8^{s}	123	17	White cylindrical stone tower; 20.	**Bell**: 2 strokes every 9^{s}.
29428	*Stavro Rock Lighted Whistle Buoy.*	42 31 27 39	**Fl. G** period 3^{s}			Buoy, painted white	**Whistle.**

BLACK SEA—BULGARIA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
29430 *E 4978*	BURGHAZ PYRGOS GULF: — **Megalo Island,** W. side of entrance to Sizepoli Bay.	N. E. 42 26 27 42	**Gp. Fl. W. (2)** period 10^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 7^{s}	143	18	White cylindrical concrete tower, dwelling; 30.	**Siren:** 4 blasts every 30^{s}.
29440 *E 4976*	— Sizepoli Bay, E. side	42 25 27 41	**Fl. R** period 5^{s} fl. 2^{s}, ec. 3^{s}	29	2	Skeleton superstructure on white square tower; 26.	
29450 *E 4980*	— **Anastasia Island,** N. end, SE. side of Gulf.	42 28 27 33	**Fl.—W. R** period 8^{s} fl. 2^{s}, ec. 6^{s}	71	W. 14 R. 5	White cylindrical concrete tower; 30.	R. 272°–312°, W.–272°.
29460 *E 4984*	— — Head of E. breakwater.	42 29 27 29	**Fl. W** period 3^{s} fl. 1^{s}, ec. 2^{s}	56	13	White cylindrical iron tower; 28.	Visible 253°–153°. **Nautophone:** 4 blasts every 30^{s}.
29470 *E 4986*	— Burghaz: — — Arm extending W. from E. breakwater.		**F. G**	32	2	White cylindrical iron tower; 22.	Visible 333°–213°.
29480 *E 4988*	— — E. head of W. breakwater.		**F. R**	33	2	White cylindrical iron tower; 22.	
29490 *E 4990*	— East Ankhelu Reef	42 33 27 40	**Fl. R** period 15^{s} fl. 5^{s}, ec. 10^{s}	33	9	White stone tower; 23	
29500 *E 4994*	— Messemvria	42 39 27 44	**Fl.—W. R.** period 8^{s} fl. 3^{s}, ec. 5^{s}	28	W. 6 R. 4	Masonry tower	R. 331°–36°, W.–331°.
29510 *E 4996*	**Cape Emineh**	42 42 27 56	**Fl. W** period 10^{s} fl. 3^{s}, ec. 7^{s}	204	20	Tower on white dwelling; 20.	Also shows upward for use of aircraft.
29520 *E 4998*	Cape Sveti Athanas (Aspro).	42 50 27 54	**Occ. R** period 4^{s} lt. 2^{s}, ec. 2^{s}	107	3	Masonry tower	
29530 *E 4999*	N. side of entrance to Kamchy River.	43 00 27 55	**F. W**		3	Skeleton steel structure; 20.	Visible 207°–355°.
29540 *E 5000*	VARNA BAY: — **Galata Burnu (Cape).** S. point of entrance.	43 11 27 57	**Gp. Fl. W. (3)** period 15^{s} fl. 0.3^{s}, ec. 2.7^{s} " 0.3^{s}, " 2.7^{s} " 0.3^{s}, " 8.7^{s}	213	21	White cylindrical concrete tower, dwelling; 30.	**Nautophone:** 3 blasts every 30^{s}.
29550 *E 5004*	— Varna: — — Head of E. breakwater.		**Fl. W** period 3^{s} fl. 1^{s}, ec. 2^{s}	48	10	White cylindrical iron tower; 28.	**Nautophone:** 2 blasts every 10^{s}.
29570 *E 5008*	— — Head of S. breakwater.		**F. R**	33	2	White cylindrical iron tower; 21.	
29580 *E 5006*	— — E. breakwater, head of arm.		**F. G**	32	2	White cylindrical iron tower; 21.	
29590 *E 5002*	— — Evksinograd, head of breakwater.	43 13 28 00	**F. R**	60	4	White cylindrical tower; 52.	
29600 *E 5009*	Zolotvie Peski	43 16 28 04	**Fl. W** period 6^{s} fl. 2^{s}, ec. 4^{s}	33	5	White rectangular shield; 20.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			BLACK SEA—BULGARIA				
29610 *E 5010*	Balchik Bay, head of breakwater.	N. E. 43 24 28 11	**Occ. R** period 6.5^s	-----	8	Skeleton tower; 21	
29612 *E 5011*	Kavarna, at head of mole.	43 25 28 21	**Occ. W** period 5^s lt. 2.5^s, ec. 2.5^s	-----	5	-----	
29613 *E5010.1*	Kavarna, elbow of pier	43 25 28 21	**F. R**	16	5	Black iron post	
29620 *E 5012*	**Cape Kaliakra,** near extremity.	43 22 28 28	**Qk. Fl. W** 60 fl. per min.	220	21	White masonry tower on dwelling; 26.	**Radiobeacon.** **Nautophone:** 3 blasts ev. 30^s.
29630 *E 5016*	**Cape Shableh,** on old tower.	43 33 28 39	**Gp. Fl. W. (3)** period 25^s fl. 0.3^s, ec. 2.8^s " 0.3^s, " 10.6^s " 0.3^s, " 10.7^s Cp. 18,000	118	17	White octagonal stone tower, red bands; 100.	
29640 *E 5018*	Mangalia, on quay	43 49 28 37	**Fl. W** period 7^s fl. 2^s, ec. 5^s Cp. 300	50	12	White iron tower, red bands; 33.	
29650 *E 5020*	— Head of N. breakwater.	-------	**Fl. G** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 200	26	4	Framework pylon, hut.	
29660 *E 5022*	**Cape Tuzla**	43 59 28 42	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 7.5^s Cp. 600	203	20	White cylindrical iron tower, black bands, on dwelling; 144.	Visible 191°–14°. **Siren:** 2 blasts every 136^s.
------	------	-----	**F. R**	187	6	Same tower	Visible 162°–192°.
	CONSTANTZA:						
29680 *E5026*	— **Constantza,** head of E. breakwater.	44 10 28 41	**Fl. W** period 3^s fl. 1^s, ec. 2^s Cp. 22,000	71	14	Gray masonry tower, black and white band; 59.	**Nautophone:** 4 bl. ev. 45^s, Morse letter C. **Radiobeacon.** W. obstruction lights exist on radio mast 2,060 yards 296°.
29681	— *Lighted Buoy,* about 185 yards 187° from breakwater light.	-------	**Fl. R** period 6^s	-----	----	Conical buoy	
29690 *E 5028*	— W. arm of E. breakwater.	-------	**Fl. G** period 3^s fl. 1^s, ec. 2^s Cp. 200	36	5	White iron tower; 26	Visible 7°–232°.
29700 *E 5030*	— E. head of S. breakwater.	------	**Fl. R** period 3^s fl. 1^s, ec. 2^s Cp. 200	36	5	White iron tower; 26	A F. R. light is shown at the E. side of the inner basin, and a F. G. light at its W. side.
29710 *E 5030.1*	— Cape Midia	44 21 28 43	**Fl. W** period 5^s fl. 1.5^s, ec. 3.5^s	85	10	-----	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BLACK SEA—RUMANIA						
29720 *E 5030.2*	CONSTANTZA: — Body	N. E. 44 27 28 48	**Gp. Fl. R.** (3) period 9^{s} fl. 0.3^{s}, ec. 0.7^{s} " 0.3^{s}, " 0.7^{s} " 0.3^{s}, " 6.7^{s}	91	10		
29730 *E5031*	Gura Portitti, S. side of inlet.	44 41 29 01	**Fl. W** period 9^{s} fl. 1^{s}, ec. 8^{s}	43	11	Framework structure and hut.	
29740 *E5052*	**Zmeinyy (Serpent) Island.**	45 15 30 12	**Gp. Fl. W.** (3) period, 15^{s} fl. 1.5^{s}, ec. 3^{s} " 1.5^{s}, " 3^{s} " 1.5^{s}, " 4.5^{s}	180	20	White tower; 71	**Explosive:** 2 reports every 7.5 min. **Radiobeacon.**
29750 *E5032*	DANUBE RIVER: — St. George Mouth, Olinka Island.	44 51 29 37	**Fl. W** period 4^{s} fl. 1^{s}, ec. 3^{s}	106	10	White tower, green dome; 64.	**Explosive:** 1 report ev. 5 min.
29760	— — *Sulina Mouth Approach Lighted Buoy.*	45 10 29 46	**Fl. R** period 5^{s}			Buoy	
	BLACK SEA—BULGARIA						
29770 *E 5036*	DANUBE RIVER: — Sulina Mouth: — — Head of S. jetty	45 10 29 45	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	47	5	White square iron framework tower; 46.	**Nautophone:** 3 blasts every 15^{s}. A F. G. light is shown at Chatal de St. George and Tulcea, and a F. R. light at Chatal d'Ismail. The first 8½ miles of canal is lighted with R. lights on N. bank and W. lights on S. Bank.
29780 *E 5040*	— — Head of N. jetty		**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	39	5	White framework tower, black base; 39.	
29783 *E 5046*	— Girlo Bystroe	45 21 29 46	**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	14	4	White wooden post; 13	
29784	— — Additional Range, front.	45 21 29 46	**Fl. G** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	9	1	Wooden post, red triangle topmark, white stripe, △.	Range lights.
29784.1	— — — rear, about 105 yds. 290½° from front.		**F. G**	16	1	Wooden post, red triangle topmark, white stripe ▽; 15.	
29810 *E 5053*	— Ochakovskoe Girlo, off mouth.	45 27 29 46	**Fl. W** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}				
29811 *E 5053.06*	— Prorva Girlo Entrance Channel.	45 29 29 44	**Fl. R** period 2.5^{s} fl. 0.5^{s}, ec. 2.0^{s}	7	2	Red pile	
29812 *E5053 .1*	— Prorva Girlo Range, front.	45 28 29 43	**Occ. R** period 2^{s} lt. 1^{s}, ec. 1^{s}	35	2	White quadrangular structure, black stripe, ball topmark; 39.	Range lights.
29812.1 *E 5053.2*	— — Rear, 0.4 mile 219°12′ from front.		**F. R**	55	8	White quadrangular structure, black stripe, ball topmark; 58.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS						
	DANUBE RIVER:	N. E.					
29860 *E5053.6*	— Shagany, 6 miles 90° from Liman (Zolocari) Church.	45 40 29 54	**Fl. W** period 4^s fl. 1^s, ec. 3^s	39	6	Structure; 34	
29870 *E 5056*	— Budaki	45 55 30 17	**Fl. W** period 5^s fl. 1^s, ec. 4^s	132	7	Black △ pyramid	
29880 *E 5054*	Burnas	45 49 30 09	**Occ. R** period 1^s lt. 0.5^s, ec. 0.5^s Cp. 1,000	97	8	Black wooden skeleton structure; 66.	*Shown during navigation season from midnight to 5 a. m., except Sundays.*
	DNIESTER RIVER:						
29890 *E 5058*	— **Tsaregrad Mouth,** S. side.	46 05 30 29	**Fl. W** period 3^s fl. 0.5^s, ec. 2.5^s	78	8	Truncated pyramidal framework tower, upper part black slatwork; 73.	
29900	— — *Lighted buoy,* about 1.5 miles NE. of mouth.	46 05 30 30	**Fl. W** period 1.5^s fl. 0.5^s, ec. 1^s	----	----	Buoy, black and white bands.	
29910 *E 5060*	— Tsaregrad Range, front.	46 05 30 28	**Fl. G** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 200	20	4	Wooden hut; 10	Range lights, moved as necessary. In winter rear light is extinguished and a F. R. light is shown from front beacon.
29910.1 *E 5062*	— — Rear, 270° from front.	-------	**Fl. G** period 3^s fl. 1^s, ec. 2^s Cp. 700	47	4	Black iron pillar, platform; 34.	
29930 *E 5076*	Sandzhika (Sanjika)	46 13 30 37	**Fl. G** period 3^s fl. 1^s, ec. 2^s	73	7	White hut on iron framework structure; 16.	Visible 220°–30°.
29940 *E 5078*	**Cape Fontana** (Odessa)	46 23 30 45	**F. Gp. Fl. W.** (4) period 56^s fl. 5^s, F. 2^s " 5^s, " 2^s " 5^s, " 2^s " 5^s, " 30^s	212	20	White iron framework tower, central column; 78.	**Nautophone:** 3 blasts every 19^s. Reserve bell. **Radiobeacon.**
29942	*Mys Bolshoy Fontan Lighted Whistle Buoy No. 1.*	46 22 30 47	**Fl. R** period 2^s fl. 0.5^s, ec. 1.5^s	----	----	Red and white banded buoy.	**Radar reflector.**
29944	—**Lanzheronskiy**	46 27 30 46	**F.R**	98	3	Gray tower; 66	Visible 245°–285°.
	ODESSA:						
29960	— *Lighted Whistle Buoy* N. of W. head of detached breakwater.	46 30 30 45	**Fl. W** period 1.5^s fl. 0.5^s, ec. 1^s	----	----	Buoy, black and white bands.	**Whistle.**
29970 *E5082*	— Vorontsovska, Reidovi E. mole head.	46 30 30 46	**Gp. Fl. R.** (3) period 12^s	89	12	White cylindrical tower, red lantern; 84.	**Nautophone:** 4 blasts ev. 30^s. **Radiobeacon.** Reserve **bell:** 2 strokes ev. 2 minutes. Range lights.
29980 *E5084*	— Odessa, about 1.3 miles 250° from Vorontsovski Light.	46 29 30 44	**F. R**	180	16	White hut on roof of building; 65.	Visible 215°-295°. Reserve light shows F. W., visible 8 miles.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS						
	ODESSA:	N. E.					
29990 *E 5086*	— Detached breakwater, E. head.	------	**Fl. G** period 6^s Cp. 500	35	3	Iron skeleton structure; 31.	
30000 *E 5088*	— — W. head	------	**Fl. R** period 6^s Cp. 500	35	3	Iron skeleton structure; 31.	
30010	— Range at Repair Basin, head of mole, front.	46 30 30 44	**Fl. W** period 2.5^s fl. 0.5^s, ec. 2^s	30	2	Skeleton beacon, 2 slatted rectangular daymarks.	Range lights.
30010.1	— — Rear, 276° 15′ from front.	------	**F. G**	69	2	Skeleton beacon, 2 slatted rectangular daymarks.	
30030 *E5104*	— Petroleum Harbor Entrance Range, front.	46 31 30 44	**F. G**	44	3	Iron framework slatted structure, side toward range shows black trapezoidal form, 2 green stripes; 73.	Range lights.
30030.1 *E5106*	— — Rear, 0.1 mile 327°45′ from front.	------	**F. R**	57	3	Iron framework slatted structure, side toward range shows black trapezoidal form, 2 red stripes; 86.	
30032 *E5100*	— Head of Petroleum Harbor Mole.	------	**F. Bu**	36	1	Black framework tower; 30.	
30040 *E5102*	— Petroleum Harbor Reverse Range, N. part of detached breakwater, front.	46 30 30 45	**Fl. G** period 1.5^s fl. 0.5^s, ec. 1.0^s	26	----	Post; 20	Range lights. Visible on axis only.
30040. 1 *E5103*	— —Rear, about 1.3 miles 147°45′ from front.	------	**F. R**	121	----	Framework beacon; 39	
30050	— *Lighted Buoy*, about 2 miles NE. of Vorontsovski Light.	46 31 30 48	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	----	----	Green buoy	
30060	— *Lighted Buoy*, about 4.4 miles 63° 30′ from Vorontsovski Light.	------	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	----	----	Green buoy	
30070	— *Lighted Buoy*, N. edge of shoal.	46 33 31 00	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	----	----	White buoy	
30080 *E 5108*	Sichavka, on summit of point.	46 37 31 08	**Fl. W** period 4^s fl. 1.5^s, ec. 2.5^s	157	7	Black triangular wooden pyramid; 46.	
30090	*Trutaeva Bank Lighted Buoy*, S. of bank.	46 36 31 15	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	----	7	Red buoy	
30100 *E 5116*	Berezan Island	46 36 31 25	**Fl. G** period 3.5^s	101	8	Masonry pillar; 8	
30110	— *Bank Lighted Buoy*, about 0.7 mi. 169° from S. tip of Berezan Island.	46 35 31 25	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	----	3	Red buoy	**Whistle.**

BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	KHERSON (DNIEPER) BAY:	N. E.					
30120 *E5112*	— Lower Viktorouka, E. side of Berezan Lake, front.	46 38 31 27	**Qk. Fl. R** Cp. 2,000	48	8	White square iron framework tower, white daymark; 18.	
30120.1 *E5110*	— — Rear, **upper Viktorouka,** W. side of Berezan Lake, 2.5 miles 315° from front.	46 39 31 24	**Occ. W** period 3ˢ lt. 2ˢ ec. 1ˢ	120	12	White square framework tower, white daymark; 32.	
	— Ochakov:						
30130 *E 5122*	— — Range, front	46 36 31 32	**Fl. G** period 2ˢ lt. 0.5ˢ, ec. 1.5ˢ	90	3	White wooden beacon 11.	Range lights.
30130.1 *E 5124*	— — — Rear, 340 yards 52° from front.		**F. G**	144	3	White wooden beacon, black stripe; 37.	
30140 *E 5118*	— — Range, about 0.9 mile 218° from brickyard chimney, front.	46 36 31 33	**F. R**	126	7	White cylindrical masonry tower, black stripe, ○; 46.	Range lights. Visible 63°–73°, intensified 64°–71°. The dredged channel to Ochakov Point is marked by unwatched lights, R. on N. side, W. on S. side. A F. W. light is shown from S. head of E. breakwater on the E. side of the S. entrance and from the N. head of the E. breakwater on the E. side of the N. entrance to the Ochakov Basin. Traffic signals.
30140.1 *E 5120*	— — — Rear, about ½ mile 68° from front.		**Fl. W** period 4ˢ fl. 1ˢ, ec. 3ˢ	162	7	White cylindrical masonry tower, black stripe, ○; 52.	
30142	— — Ochakov Mole	46 36 31 32	**F. R**				
30148	— — Kimburnskiy Deponitelyniy.	46 34 31 31	**Fl. W** period 3ˢ		7		
30160	— *Lighted Buoy*, N. of Kinburn Spit, Ochakov Channel.	46 35 31 30	**Fl. W** period 1.5ˢ fl. 0.5ˢ, ec. 1ˢ		7	Black buoy, white band	
30170 *E5130*	— Fort Nicolaev, front	46 34 31 34	**F. R** Cp. 900	45	5	White cylindrical iron tower; 40.	Visible 77°–128°. Range lights.
30170.1 *E5132*	— — Rear 80 yards 92° 30′ from front.		**F. G** Cp. 900	79	5	Black iron framework structure; on concrete base, white stripe; 69.	
30171 *E5129*	— Western Range, front.	46 35 31 36	**Qk. Fl. R**	43	5	Gray iron tower, concrete base, black quadrangular daymark white center stripe; 42.	Range lights.
30171.1 *E5129.1*	— — Rear 1.9 miles 268°18′ from front.		**Occ. R** period 3ˢ lt. 1.5ˢ, ec. 1.5ˢ	95	8	Gray iron tower, concrete base, black quadrangular daymark, white center stripe; 94.	

BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS

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	KHERSON (DNIEPER) BAY:	N. E.					
30172 *E5148.5*	— Eastern Range, front.	46 36 31 49	**Qk. Fl. R**	43	5	Gray iron tower, concrete base, black quadrangular daymark, white stripe; 42.	Range lights, visible 4° each side of axis.
30172. 1 *E5148.6*	— — Rear, 1.9 miles 88°18′ from front.		**Occ. R** period 3^{s} lt. 1.5^{s}, ec. 1.5^{s}	95	7	Gray iron tower, concrete base, black quadrangular daymark, white stripe; 94.	
30180 *E 5136*	— Dredged channel, N. side. U.	46 36 31 37	**Fl. R** period 4^{s} fl. 0.4^{s}, ec. 3.6^{s} Cp. 100	30	4	Red iron framework structure, masonry base.	
30200 *E5140*	— Adzhigiol (Adjigiol) Range, front.	46 37 31 45	**F.R** Cp. 3,000	112	9	White rectangular shield above red square tower.	Range lights intensified on axis, decreasing rapidly on each side.
30200.1 *E5142*	— — Rear, 1,380 yards 69° from front.		**F.W** Cp. 10,000	218	12	Iron framework tower with white quadrangular form; 79.	The dredged channel from Fort Nicolal to Adzhigiol Spit is marked by several unwatched lights and light buoys, R. on N. side and W. on S. side.
30210 *E5146*	— Adzhigiol Spit, front. U.	46 37 31 43	**Fl. R** period 1.5^{s} fl. 0.3^{s}, ec. 1.2^{s}	23	2	White quadrangular masonry tower, seaward side painted black with white stripe.	Range lights.
30210.1 *E5148*	— — Rear, 176 yards 350° from front. U.		**Fl. W** period 1.5^{s} fl. 0.3^{s}, ec. 1.2^{s}	33	2	White quadrangular masonry tower seaward side painted black with white stripe.	
30220 *E5149*	— Stanislav Adzhigiolski, Yanushev Island, front.	46 31 32 10	**F. R**	79	16	Red iron framework tower; 79.	Range lights, visible 105° to about 115°. *Shown in winter.*
30220. 1 *E5149.1*	— — Rear, 3.5 miles 109° from front.	46 30 32 14	**Fl. W**	221	19	Red iron framework tower; 211.	
	BUG RIVER:						
30230 *E 5172*	— Khablova Point, front.	46 39 31 59	**Fl. R** fl. 0.5^{s}, ec. 1^{s} Cp. 6,000	78	10	White square tower, dwelling; 16.	Range lights, lead through the third reach of Ochakov Channel Entrance to Bug River. Visible 29°–99°, power decreasing on each side of axis.
30230. 1 *E 5174*	— — Rear, 2,515 yards 64° from front.	46 40 32 01	**Fl. W** Cp. 28,000	127	12	Red cylindrical tower near dwelling; 47.	
30240 *E5188*	— **Luparev**, E. bank, front.	46 41 31 59	**Occ. W** period 3^{s} lt. 1.5^{s}, ec. 1.5^{s} Cp. 14,000	71	14	Black rectangular structure, triangular daymark with white stripe; 44.	Visible over arc 70°, intensified on axis.
30240.1 *E5190*	— — Rear, **Kislyakovka**, 6,400 yards 40° 15′ from front.	46 44 32 02	**Occ. W** period 5^{s} lt. 4^{s}, ec. 1^{s} Cp. 14,000	188	17	Black rectnagular structure with red stripe; 41.	Visible over arc 70°, intensified on axis.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS						
	BUG RIVER:	N. E.					
30250 *E 5192*	— Svyatotroitski (Svyatotroitsva), Russian spit, extreme point, front.	46 45 31 56	Occ. W period 2^{s} lt. 1^{s}, ec. 1^{s} Cp. 1,500	55	6	Black slatted □, white stripe; 47.	Visible 355°–6°. A faint light is visible on each side. Range lights.
30250. 1 *E 5194*	— — Rear, Ojarsk Spit, 3° from front.	46 47 31 57	F. W Cp. 28,500	68	8	Red structure, slatted △; 72.	Visible over an arc of 70°.
30260 *E 5198*	— Upper Voloshski, N. of spit.	46 44 31 53	F. W	130	10	White house; 15	Visible 281° – 293°, and 175°–182°.
			F. R	133	5	Same house	Visible 145°–325°.
30270 *E 5202*	— Lower Voloshski, near extremity of spit.	46 44 31 55	Alt., — R., W	21	3	Red iron hut on piles; 18.	Visible 140°–152°.
30280 *E 5204*	— Kotelni, on W. bank, front. U.	46 45 31 53	Fl. G period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	59	4	Beacon, white rectangular shield, black stripe and ◇; 39.	range lights.
30280. 1 *E 5206*	— — Rear, 1,100 yards 306° from front. U.		F. G	163	4	Beacon, white rectangular shield, black stripe and ◇.	
30290 *E 5210*	— Siversovi, S. of Kozirka, front.	46 47 31 52	Fl. R period 3^{s} fl. 1.2^{s}, ec. 1.8^{s}	67	8	Black rectangular slatted daymark, white stripe, △; 49.	Range lights.
30290. 1 *E 5212*	— — Rear, 223° from front.		F. W	170	10	Black rectangular slatted daymark, white stripe, ▽; 39.	
30300 *E 5214*	— Kozirka, on W. bank, front.	46 49 31 53	Occ. R period 2^{s} lt. 1^{s}, ec. 1^{s}	47	5	White cylindrical tower, black stripe, △; 43.	Range lights.
30300. 1 *E 5216*	— — Rear, 1,240 yards 353° from front.		F. W	146	5	White cylindrical tower, black stripe, △; 30.	
30310 *E 5224*	— Siversov Back Range, E. side of river, front.	46 54 32 01	Fl. R period 3^{s} fl. 0.5^{s}, ec. 2.5^{s} Cp. 1,000	70	5	White rectangular slatted daymark, black stripe, △; 38.	Range lights. Visible 34°–50°.
30310. 1 *E 5220*	— — Rear, 2,840 yards 42° 30′ from front.	46 55 32 02	F. W Cp. 5,000	202	5	White rectangular slatted daymark, black stripe, △; 47.	
30320 *E 5226*	— Konstantin, E. bank opposite Fort Konstantin.	46 55 32 02	Fl. W period 2.5^{s} fl. 0.5^{s}, ec. 2^{s} Cp. 1,500	36	11	Red slatted pyramid, ○; 36.	
30330 *E 5230*	— — Range, 355 yards 17° 30′ from Konstantin Light, front.		F. G Cp. 300	50	5	Red square iron pyramid, white bands; 5.	Range lights.
30330. 1 *E 5232*	— — — Rear, 315 yards 22° from front.		F. R Cp. 500	101	5	Red square iron pyramid, white bands; 24.	
30340	— Nikolaev, head of Coasters Harbor Mole.	46 57 32 00	F. R Cp. under 100	38	5	White iron framework tower; 32.	Visible 180°–90°. F. R. range lights on Magazine Point, indicate telegraph cables. Storm signals.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS						
	DNIEPER RIVER:	N. E.					
30350 *E 5150*	— Kasperovka, near Kizim Point, front.	46 34 32 19	**F. R** ---------- Cp. 3,000	46	12	White masonry dwelling, △; 10.	The channel is lighted by 8 R. lights on the N. side and 7 W. lights on the S side. Range lights.
30350.1 *E 5152*	— — Rear, 76° from front, near village.	-------	**F. W** ---------- Cp. 14,000	91	15	Dark red square tower; 56.	
30360 *E5156*	— Ryach Reka Range, front, 0.5 mile 148° from Kasperovki.	46 33 32 19	**F. G** ---------- Cp. under 100	28	1	Black column, platform in middle surmounted by framework ○.	Range lights.
30360.1 *E5158*	— — Rear, 97° from front.	-------	**F. W** ---------- Cp. under 100	50	1	Black column, platform in middle surmounted by ◇ shaped framework.	
	TENDRA PENINSULA:						
30370 *E 5244*	— Tendra Point, on extremity of peninsula. **U.**	46 22 31 32	**Fl. W** ---------- period 4^s fl. 1^s, ec. 3^s	52	5	Black iron framework structure; 26.	
30380 *E 5242*	— About 2.8 miles SSW. of point.	46 19 31 31	**F. W** ---------- Cp. 32,000	96	13	White cylindrical tower, 2 black bands; 88.	**Radiobeacon.**
30390 *E 5246*	Egorlyski, S. end of Dolghi Island.	46 22 31 47	**Fl. R** ---------- period 5^s fl. 1^s, ec. 4^s	31	5	Black iron framework structure, ball topmark; 28.	
30400 *E 5248*	Tendrovski Zhelezni----	46 10 32 04	**Fl. W** ---------- period 5^s fl. 0.5^s, ec. 4.5^s	64	9	Black iron mast, □-----	
	GULF OF PEREKOP:						
30410 *E 5250*	— Sofievskii, at coast guard station near W. end of Dzaruilgach Bay. **U.**	46 04 32 32	**Fl. R** ---------- period 3^s fl. 0.5^s, ec. 2.5^s	57	8	Black iron framework tower; 52.	
30420 *E5254*	**— Dzaruilgach Point, (Dzharylgachakiv),** E. end of island.	46 01 33 04	**Fl.—W. R** ----- period 6^s fl. 1.5^s, ec. 4.5^s Cp. W. 8,000 R. 1,500.	80	14	White iron framework tower; 74.	W. 129°–231°, R.–295°, W.–304°, R.–15°, W.–78°, obsc. elsewhere. **Bell:** 3 strokes every 60^s.
30430 *E 5264*	— Skadovsk Dzaruilgach, N. side of bay, front. **U.**	46 06 32 53	**F. R** ---------- Cp. 100	37	3	Red and white striped mast, △; 30.	Range lights.
30430.1 *E 5266*	— — Rear, 235 yards 12° from front. **U.**	-------	**F. R** ---------- Cp. 100	59	3	Black and white vertical striped mast, white ▽; 52.	
30450 *E 5268*	— Cape Kara Burnu--- **U.**	45 35 32 49	**Fl. W** ---------- period 3^s fl. 0.5^s, ec. 2.5^s	52	8	White structure, black stripe; 27.	
30460 *E 5270*	— Yaruilgach, front----	45 34 32 50	**Fl. G** ---------- period 3^s fl. 0.3^s, ec. 2.7^s	23	3	Black rectangular structure, white stripe, △; 16.	Range lights.
30460.1 *E 5272*	— — Rear, 340 yards 89° from front.	-------	**Occ. G** ------- period 3^s lt. 2.5^s, ec. 0.5^s	39	3	Black rectangular structure, white stripe, ▽; 36.	

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS						
	GULF OF PEREKOP:	N. E.					
30470 *E 5274*	— Akmechet Harbor, SE. side of bay, near mole, front.	45 31 32 43	**Fl. R** period 1.5^s fl. 0.5^s, ec. 1^s	49	7	Structure; 26	Range lights.
30470.1 *E 5274.1*	— — Rear, 131° 30′ from front.	------	**F. G**	91	7	Structure; 49	
30480 *E 5273*	— S. side of bay	45 31 32 42	**F. G**	42	2	White daymark, black stripes; 33.	Visible 181°–197°.
30490 *E5278*	**Cape Tarkhan (Tarkhankutskiy)**, SW. extremity of Crimea.	45 21 32 30	**Gp. Fl. W. (2)** period 7.5^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 3^s Cp. 200,000	117	17	White cylindrical masonry tower; 108.	Obscured 168°–287°. **Radiobeacon.** Telephone.
30500 *E 5280*	Popovka (Kukulevka). U.	45 18 33 02	**Fl. W** period 10^s fl. 2^s, ec. 8^s	60	11	White pyramid, black stripe; 33.	
	EUPATORIA:						
30510 *E5282*	— **Evpatoriyskiy**	45 09 33 16	**Gp. Occ. W (2)** period 12^s lt. 3^s, ec. 1.5^s lt. 3^s, " 4.5^s	53	12	White cylindrical tower; 51.	Visible 247°–124°. Telephone. **Radiobeacon.**
30520 *E 5284*	— Quarantine Point	45 12 33 23	**Occ. R** period 1.6^s lt. 0.8^s, ec. 0.8^s	30	6	White iron hut, on framework structure red stripe; 28.	Visible 225°–32°. **Bell**: 2 strokes every 60 seconds.
20530 *E 5285*	— Pierhead	------	**Occ. G** period 3^s	11	2	Post	Visible 259°–307°.
30540 *E 5286*	Kizel Yar, near salt pond. U.	45 05 33 34	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	49	7	White slatted target, black stripe; 26.	
30550 *E 5288*	Cape Lukul	44 50 33 32	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	127	11	Red skeleton structure, white □, black stripe; 60.	
30560 *E 5292*	Lukul Bluff, Margopulo. U.	44 48 33 32	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s	92	8	Black square iron pyramidal framework tower; 25.	
	SEVASTOPOL:						
30570	— *Entrance Lighted Whistle Buoy*, off Cape Konstantin, SW. end of reef	44 38 33 30	**Fl. W** period 3^s fl. 0.5^s, ec. 2.5^s	----	----	Black and white buoy	**Whistle.**
30580 *E 5294*	— **West Inkerman**, front.	44 37 33 36	**F. R**	299	18	White square masonry dwelling; 33.	Telephone. Range lights.
30580. 1 *E 5296*	— **East Inkerman**, rear, 1.8 miles 94° from front.	44 37 33 38	**F. W**	642	24	White square masonry dwelling; 33.	
30590 *E 5299*	— Petroleum Basin Range, about 520 yards 157° from West Inkerman Light, front	44 37 33 36	**Fl. W** period 2^s fl. 0.5^s, ec. 1.5^s	16	4	White pyramidal beacon, black stripe; 16.	
30590. 1 *E 5300*	— — Rear, 440 yards 103°30′ from front light	------	**F. W**	26	4	White pyramidal beacon, black stripe; 26.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SEVASTOPOL: — Petroleum Basin	N. E.					
30600 *E 5298*	— — Head of S. mole.		**Fl. G** period 4^s fl. 0.5^s, ec. 3.5^s	20	4		
30610 *E 5297*	— — Head of N. mole.		**Fl. R** period 4^s fl. 0.5^s, ec. 3.5^s	20	4		
30620 *E 5302*	— Paul Point (Pavlovski), E. side of entrance to South Bay. **U.**		**Fl. Bu** period 4^s fl. 1^s, ec. 3^s Cp. 100	15	1	White skeleton structure; 13.	The telegraph cables in Yujnyaya and Sevastopol Bays are marked by F. W. lights.
30630 *E 5304*	Streletska Bay, head of bay, front.	44 36 33 28	**Occ. G** period 2^s lt. 1^s, ec. 1^s	76	5	Black daymark, white stripe; 28.	Range lights.
30630. 1 *E 5306*	— Rear, 373 yards 188° from front.		**Occ. R** period 3^s lt. 2^s, ec. 1^s	109	5	Black daymark, white stripe; 56.	
30640 *E 5308*	**Cape Khersonese,** W. extremity.	44 35 33 23	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	111	14	Red framework mast 105.	Telephone. **Radiobeacon.**
30650 *E 5310*	Cape Feolent	44 30 33 29	**Fl. W** period 10^s	459	14	White target, black stripe; 33.	
30660 *E 5312*	Balaklava Bay, E. side of entrance. **U.**	44 29 33 36	**Fl. R** period 3^s fl. 0.5^s, ec. 2.5^s	84	6	Black and white iron framework column; 22	
30670 *E5314*	**Sarich Point,** on isolated rock.	44 23 33 45	**Occ. W** period 6^s lt. 3^s, ec. 3^s	125	17	White cylindrical iron tower; 35.	Visible 276°–120°. Telephone. **Bell:** groups of 2 strokes every 2 min.
30680 *E5316*	**Cape Aitodor,** W. entrance to Yalta Bay.	44 26 34 07	**Gp. Fl. G. (2)** period 6^s fl. 0.2^s, ec. 1.3^s " 0.2^s, " 4.3^s	315	24	White octagonal metal tower.	**Radiobeacon.**
30690 *E 5320*	Yalta, head of mole	44 29 34 11	**Fl. R** period 5^s fl. 2^s, ec. 3^s		11		Visible 267°–14°.
30700 *E 5326*	Alushta	44 41 34 25	**Fl. W** period 6^s fl. 1^s, ec. 5^s Cp. 200	60	8	White hut, red bands with gallery on supports; 30.	Visible 219°–4°. A hand fog horn is sounded when vessels of the Soviet Merchant Fleet are expected.
30720 *E 5330*	Sudak	44 50 35 00	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s	46	6	Black pyramid; 14	Visible 316°–61°. A light is shown from pier when vessels are expected.
30730 *E 5354*	**Cape Meganom,** on extremity.	44 48 35 05	**Gp. Fl. W. (3)** period 18^s fl. 1^s, ec. 1.5^s " 1^s, " 1.5^s " 1^s, " 12^s Cp. 75,000	324	25	White octagonal masonry tower; 41.	Visible 238°–109°. **Bell:** 2 strokes. Telephone.

BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
30740 *E 5336*	Koktebelskie, head of pier, front.	44 57 35 15	**F. R**	24		White rectangular shield, black stripe, △; 12.	Range lights.
30740. 1 *E 5338*	— Rear, 296° from front.		**F. R**	36		White rectangular shield, black stripe, ▽; 12.	
30750 *E 5341*	Cape Kiik (Atlama), in approaches to Theodosia.	44 57 35 24	**Fl. G** period 5ˢ fl. 1ˢ, ec. 4ˢ	523	10	White truncated pyramid; 10.	
30760 *E5340*	THEODOSIA: — **Cape St. Ili (Elias),** S. slope of cape.	45 01 35 26	**Gp. Fl. W.** (2) period 15ˢ	216	18	Truncated framework pylon, gallery and black lantern; 32.	Visible 212°–16° **Radiobeacon.** **Nautophone.**
30770 *E 5342*	— Head of E. mole	45 02 35 24	**F. R**	43	3	White cylindrical iron tower; 32.	**Bell.** Storm signals.
30780 *E 5346*	— Shiroki Mole, N corner of head.		**2 F. G.** (vert.)	31		White mast; 24	Visible 90°–0°.
30790 *E 5348*	— — S. corner of head.		**2 F. G.** (vert.)	31		White mast; 24	Visible 180°–90°.
30800 *E 5350*	— Head of fuel oil jetty.		**Fl. W** period 6.5ˢ fl. 0.5ˢ, ec. 6ˢ	15		Framework pylon	
30810 *E5352*	**Chaudinskiy,** on Cape Chauda, W. of Kerch Strait, entrance to Sea of Azov.	45 00 35 50	**Fl. W** period 24ˢ fl. 6ˢ, ec. 18ˢ Cp. 31,000	121	17	White octagonal tower, dewlling; 37.	
30830 *E5358*	KERCH-YENIKALE STRAIT: — **Kiz Aul Point,** W. of S. entrance to strait.	45 04 36 23	**Fl.—W. R. G** period 6ˢ	204	21	White octagonal tower. black stripes; 92.	R. 253°–274°, W.–60°30′, G.–70°. Signal station. Telephone. **Radiobeacon.**
30850	— *Spitfair Rock Lighted Buoy.*	45 02 36 25	**Fl. W** period 3ˢ	4	2	White buoy	
30855	— *Lighted Whistle Buoy,* about 3.8 miles 159° from Cape Takil Light.		**Fl. W**			Black and white striped buoy.	**Whistle.**
30856	— *Entrance Lighted Whistle Buoy,* 15.5 miles 159°48′ from Mys Kyz Aue Light.	44 49 36 30	**Fl. R** period 2ˢ			Buoy, red and white bands.	**Whistle:** Marks entrance to recommended course.
30860 *E 5360*	— Cape Takil, Takilskoi Bashni. **U.**	45 06 36 27	**Fl. W** period 4ˢ fl. 1ˢ, ec. 3ˢ	252	5	Shield	
30870	— *Lighted Whistle Buoy.*	45 03 36 41	**Fl. R**			Buoy	**Whistle.**
30880	— *Kishla Reef Lighted Buoy,* 0.8 mile SW. of Zhelezni Rog Light.	45 06 36 44	**Fl. R** period 3ˢ			Buoy, red and white bands.	
30890 *E 5616*	— Zhelezni Rog (Cape Kishla). **U.**	45 07 36 44	**Fl. G** period 3ˢ fl. 1ˢ, ec. 2ˢ		6	Three-sided pyramid	

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	BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS						
	KERCH-YENIKALE STRAIT:	N. E.					
30900 *E 5615*	— Panagiya Point	45 08 36 38	**Fl. R** period 5ˢ fl. 0.5ˢ, ec. 4.5ˢ		6		
30910	— *Marii Magdalini Rock Lighted Buoy,* off SW. side of rock.	45 03 36 59	**Fl. R** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	4	3	Black and white buoy	
30920 *E 5370*	— Nijni Pavlovski, W. side of strait, front.	45 18 36 28	**F. R** Cp. 4,000	224	16	Quadrangular skeleton tower, white lantern, slatted daymark with black and white stripes; 56.	Range lights, intensified on axis.
30920. 1 *E5370. 1*	— — Rear, Verkhni Pavlovski, 700 yards 357° from front.		**F. R** Cp. 6,000	336	19	Truncated pyramid, white shield with black stripe; 40.	
30922 *E5384*	— Bunkhta Pavlovski, near head of breakwater.	45 19 36 29	**Fl. Bu** period 5ˢ fl. 1ˢ, ec. 4ˢ	15	1	Wooden post, concrete base; 12.	
30930 *E5380*	— Kamish-Burnski Bay, front.	45 17 36 25	**Fl. G** period 3ˢ	46	2	White iron structure, black stripe, △; 41.	Range lights.
30930. 1 *E5380.1*	— — Rear, 276° from front.		**F. G**	59	2	White iron structure, black stripe, △; 46.	
30940 *E5372*	— Kamish Burunski, W. side of entrance front.	45 14 36 25	**Fl. W** period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ Cp. 30,000	90	8	Black triangular slatted beacon, black square slatted topmark; 39.	Visible 318°–339°. Shows faintly on each side of sector, 2° to W. and 5° to E.
			F. G Cp. 4,000	102	14	Same tower	Range lights.
30940. 1 *E5372.1*	— — Rear, 1,620 yards 217° from front.		**F. W** Cp. 6,000	161	8	White square masonry tower; 39.	
30945	— Range, front	45 13 36 38	**Fl. W** period 6ˢ		9		Range lights.
30945.1	— — Rear 0.6 mile 138° 30′ from front.		**F. W**		9		
30950 *E5382*	— Kamish Burunski Harbor, front.	45 16 36 25	**F. Blue**	28	5	White wooden slatted pyramid, black stripe, ○; 31.	2 F. G. lights, vertical, about 3 feet apart, visible 2 miles, are shown at head of coaling pier. Range lights.
30950. 1 *E5382.1*	— — Rear, 480 yards, 252° from front.		**F. Blue**	38	5	White wooden slatted pyramid, black stripe, △; 39.0.	
30960 *E5374*	—		**2 F. R** Cp. 17,000	105	16	White masonry tower, dwelling; 22.	Range lights.
30960. 1 *E5374.1*	— — Rear, 5 miles 247° from front.	45 15 39 19	**2 F. W** Cp. 86,000	347	25	White masonry tower, dwelling; 23.	
30970	— *Tuzla Spit Lighted Whistle Buoy,* about 1.5 miles from Pavlovski front light.	45 18 36 29	**Fl. W** period 5ˢ fl. 0.5ˢ, ec. 4.5ˢ		4	Black and white buoy	**Whistle.** Radar reflector

BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	KERCH-YENIKALE STRAIT:	N. E.					
30980	— *Burnu Lighted Buoy,* 2.7 mi. 78°30′ from Pavlovski Front Light.	45 19 36 31	Fl. R period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	----	6	Red buoy	
	— Kerch:						
30990 *E 5386*	— — Head of Shirski Mole, front. U.	45 21 36 29	Fl. R period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	31	5	Slatted beacon, red and white stripe; 29.	Range lights.
30990.1 *E 5386.1*	— — —Middle on Broad (Shirski) Mole, 240 yards, 331° 15′ from front. U.		F. R	47	5	Iron framework tower with slatted topmark, black and white bands; 43.	
30990.2 *E 5386.2*	— — — Rear, 1,700 yards 331° 15′ from middle. U.		F. R	87	5	Iron pyramidal tower with 2 narrow white horizontal rectangles; 13.	
31000 *E 5389*	— — Head of Genoese Mole.	45 21 36 29	Fl. Bu period 7^{s} fl. 2^{s}, ec. 5^{s} Cp. under 100	37	3	Framework tower; 29	
31010	— — Shirski (Broad) Mole, SW. corner.		F. Bu	31	1		**Bell:** 2 strokes. A F. R. light is shown from the NE. end of Shiroki Mole.
31020 *E5388*	— — Kerch Road Range, on petroleum depot, front.	45 20 36 28	Occ. G period 1^{s} lt. 0.5^{s}, ec. 0.5^{s}	27	5	White framework structure, black stripe, ▽; 29.	Range lights, lead to petroleum depot. *Shown only when vessels are expected.*
31020.1 *E 5388.1*	— — — Rear, 0.5 mile 272° from front.		Fl. R period 1.5^{s} fl. 0.5^{s}, ec. 1^{s}	50	5	White framework structure, black stripe, △; 26.	
31022 *E5385*	— Zamitnogo Mola	45 19 36 29	Fl. G period 4^{s} fl. 1^{s}, ec. 3^{s}	20	3	Red quadrangular iron framework structure; 14.	
31030 *E5387.3*	— Near Cape Zimini, outer end of pier.	45 21 36 32	2 F. W	----	2	Posts; 8	**Bell:** 2 strokes.
31040 *E5387*	— Kerch State Metallic Works, front.		F. G	82	3	Iron beacon; 16	Range lights, 23°. *Occasional.*
31040.1 *E 5387.1*	— — Rear		F. G	104	3	Iron beacon; 49	
31070 *E5422*	— **Cape Yenikale** (Fonar), NW. entrance to strait.	45 23 36 39	Gp. Fl. W. R. (2). period 7.5^{s} fl. 0.25^{s}, ec. 1.5^{s} " 0.25^{s}, " 5.5^{s}	390	W. 25 R. 13	White framework tower; 66.	W. 159°-234°, R.-309°. W.-39°, obsc. elsewhere. **Radiobeacon.** **Nautophone.**
31080 *E 5404*	— Markitan Point Range, front.	45 14 36 46	Fl. G period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	39	5	White rectangular daymark, black stripe; 33.	Range lights.
31080.1 *E 5404.1*	— — Rear, 1,800 yards 90° from front.		Occ. G period 3^{s} lt. 1.5^{s}, ec. 1.5^{s}	61	5	White rectangular daymark, black stripe; 39.	

BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	KERCH-YENIKALE STRAIT:	N. E.					
31090 *E5402*	— Stanitsi Sennoi Range, E. side of Taman Bay, front.	45 17 37 00	**Qk. Fl. W** 60 fl. per min.	----	3	White structure, black stripe; 13.	Range lights.
31090.1 *E5402.1*	— — Rear, 445 yards 83° from front.	-------	**Occ. W** period 3^{s} lt. 1.5^{s}, ec. 1.5^{s}	39	3	Black structure, white stripe; 32.	
31100 *E5406*	— Taman Range, west of town, front.	45 13 36 42	**Fl. R** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	98	4	White rectangular daymark, black stripe; 13	Range lights.
31100.1 *E5406.1*	— — Rear, 225° from front.	-------	**Fl. R** period 5^{s} fl. 2^{s}, ec. 3^{s}	121	4	White rectangular daymark, black stripe; 14.	
31110 *E5406.4*	— Taman, head of pier	45 13 36 44	**Fl. G** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	53	2	Mast on signal tower; 16.	

AZOVSKOYE MORE (SEA OF AZOV)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
31120 *E 5430*	**Kazantip Point** U.	45 28 35 54	**Fl. W** period 5^{s} fl. 1^{s}, ec. 4^{s}	324	12	Wooden tripod; 13	
31130 *E 5436*	**Biryuchiy**	46 05 34 59	**Gp. Fl. W. (2)** period 7.5^{s} fl. 1.5^{s}, ec. 1.5^{s} " 1.5^{s}, " 3.0^{s} Cp. 2,200	88	15	White quadrangular masonry tower; 82.	
	GENICHESK:						
31140	— *Approach, Lighted Buoy.*	46 10 34 50	**Fl. R** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	-----	4	Red buoy	
31150 *E 5438*	— W. shore of bay, N. of town.	46 11 34 49	**F. R** Cp. 1,700	70	8	Square tower, two story dwelling; 40.	Unintensified 321°-324°, intensified-331°, unintensified-334°.
31160 *E5440*	— Arabatski Point, N. extremity, front.	46 10 34 49	**Fl. R**	21	4	Black rectangular beacon, white stripe, △; 29.	Range lights. Storm signals. W. lights are shown on piers when vessels are working cargo.
31160. 1 *E5442*	— — Rear, about 0.2 mile 260°30′ from front.	-------	**Fl. G**	42	4	Black beacon, white stripe; △; 44.	
31170 *E 5448*	Novo Konstantinovka U.	46 35 35 45	**Fl. W** period 10^{s} fl. 1^{s}, ec. 9^{s}	33	12	Black skeleton structure; 33.	
	BERDYANSK:						
31180 *E 5452*	— Obitochna S. end of spit. U.	46 30 36 09	**Fl. W** period 8^{s} fl. 1.5^{s}, ec. 6.5^{s}	63	9	Red iron framework mast, masonry base, red □; 59.	
31185	— *Approach Lighted Buoy No. 2.*	46 40 36 40	**Fl. R** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	-----	3	Red buoy	
31190 *E5454*	— Lower Berdyansk, 600 yards from extremity of spit.	46 38 36 48	**Occ. G** period 7.5^{s} lt. 4.5^{s}, ec. 3^{s}	78	14	White octagonal stone tower on white 2-story dwelling, red band.	**Nautophone:** 4 bl. ev. 34^{s}.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
						AZOVSKOYE MORE (SEA OF AZOV)	
	BERDYANSK:	N. E.					
3119[illegible]	— *Lighted Buoy*, about 1.8 miles S. of Berdyansk Spit.	46 36 36 46	**Fl. R** fl. 0.5^s, ec. 2.5^s	-----	3	Red buoy	
31200 *E5458*	— **Upper Berdyansk,** at NW. extremity of the town.	46 46 36 46	**Occ. W** period 3^s lt. 1.5^s, ec. 1.5^s Cp. 23,500	165	19	White square tower on dwelling; 32.	Visible 16°–46°.
31210 *E 5460*	— NW. head of detached breakwater.	-------	**Occ. G** period 2^s lt. 1^s, ec. 1^s Cp. under 100	31	3	Green wooden pyramid; 20.	
31220 *E 5462*	— SE. head of detached breakwater.	-------	**Fl. R** period 3^s lt. 1^s, ec. 2^s Cp. under 100	31	3	Red wooden pyramid; 20.	
31222 *E5464*	— Range, front	46 45 36 47	**F.R**	-----	-----	-----	Range lights.
31222.1 *E5465*	— — Rear, 0.75 mile 40°48′ from front.	-------	**F.R**	-----	-----	-----	
31230 *E 5470*	— Head of Uzki Mole	-------	**F. R** Cp. under 100	18	4	Lantern on iron framework mast; 12.	Storm signals.
31240	*Yelenina Spit Lighted Whistle Buoy*, off entrance to Gulf of Taganrog.	46 33 37 03	**Fl. W** period 5^s	11	4	Black buoy	**Whistle.**
	GULF OF TAGANROG:						
31250 ***E5472***	— **Belosarai**	**46 53** **37 20**	**Gp. Occ. W. (2)** **period 12^s** **lt. 3^s, ec. 1.5^s** **" 3^s, " 4.5^s**	70	14	White octagonal tower; 63.	**Radiobeacon:** **Siren: 1 blast ev. 29^s.** **Visible 219°–163°.**
31260	— *Dolga Spit Lighted Buoy*, 6.25 miles 120° from Byelosarai Light, E. side of entrance to gulf.	46 50 37 27	**Fl. W** period 5^s fl. 1^s, ec. 4^s	11	8	Black buoy	**Whistle.** Radar reflector.
31270 *E 5576*	— Dolga (Dolgaya) Spit, N. end. **U.**	46 42 37 43	**Fl. W** period 8^s fl. 1^s, ec. 7^s	23	8	Truncated pyramidal structure, masonry base; 20.	
	— Zhdanov:						
31280	— — *Approach Lighted Buoy.*	46 59 37 35	**Fl. R** period 4^s fl. 1^s, ec. 3^s	-----	-----	Buoy, red and white stripes.	
31290 *E5474*	— — Head of S. mole	47 03 37 32	**Qk Fl. R** 60 fl. per. min.	32	7	Red tower, dwelling	**Bell:** 5 strokes ev. 3 min.
31300 *E5476*	— — Head of N. mole	-------	**Qk. Fl. G** 60 fl. per. min.	32	5	Red tower, dwelling	
31310 *E5480*	— East Entrance Range, front, inner end of N. mole.	47 04 37 31	**F. R** Cp. 2,000	66	10	Wooden tripod, ○ and △; 57.	Range lights. Visible 20° each side of axis.
31310.1 *E5482*	— — Rear, 331°48′ from front.	-------	**F. R** Cp. 4,000	133	10	Square brick tower on gray dwelling; 36.	

AZOVSKOEY MORE (SEA OF AZOV)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GULF OF TAGANROG: — Mariupol:	N. E.					
31320 *E5438*	— West Entrance Range, front.	47 03 37 31	F. G	73	14	White tower on machine shop; 68.	Range lights.
31320.2 *E5492*	— — Middle, 12° from front.	47 04 37 31	F. R	185	18	Square brick tower on 2-story building; 77.	
31320.3 *E5494*	— — — Rear, 12° from front.	47 05 37 31	F. R	286	22	Black framework pylon; 65.	
31330	— — Razdel Pier	47 03 37 31	F. R	----	----	----------	
	— Zhdanov:						
31340 *E5498*	— — Inner end of Vostochni Mole.	47 03 37 30	Fl. G period 3^s fl. 1^s, ec. 2^s	13	3	Iron column	Radar reflector.
31350 *E5500*	— — — Head of Vostochni Mole.	47 02 37 30	Fl. W period 3^s fl. 0.5^s, ec. 2.5^s	19	3	Post	Radar reflector.
	— Azovstaly:						
31362 *E5513*	— — Breakwater	47 05 37 35	Qk. Fl. G 60 fl. per. min.	30	2	Green quadrangular iron framework tower; 15.	Radar reflector.
31370 *E5510*	— — Range, 750 yards 100° from cathedral, front.	47 05 37 35	F. G Cp. under 100	48	8	White wooden pyramid, ball topmark; 42.	Range lights.
31370. 1 *E5512*	— — — Rear, 1,360 yards 338° from front.	-------	F. G Cp. under 100	123	9	White wooden pyramid, ball topmark; 54.	
31372 *E5502*	— — Azovstaly Range, front.	47 05 37 35	F. G	----	14	----------	Range lights. Visible 19° 30′–159° 30′. Marks axis of main channel from Zhdanov to Azovstaly.
31372.1 *E5502.1*	— — — Rear, about 1.74 miles 44° from front.	-------	F. G	----	14	----------	
31380 *E5520*	— Krivaya Spit U.	47 03 38 08	Fl. R period 4^s fl. 1^s, ec. 3^s	26	10	Red iron framework pyramid, concrete base; 20.	
31390 *E5559*	— Sazalnick Spit	46 51 38 28	Fl. R period 3^s fl. 0.5^s, ec. 2.5^s	78	6	Structure, black shield; 20.	
31400 *E 5522*	— Beglitskaya Spit	47 07 38 35	Fl. W period 5^s fl. 0.5^s, ec. 4.5^s	65	8	Truncated pyramidal structure; 59.	
31410	— *Lighted Whistle Buoy*	47 01 38 35	Fl. R period 4^s	-----	3	Red buoy	The Gulf of Taganrog is marked by several lighted buoys.
	— Taganrog:						
31420 *E5526*	— — In the town	47 12 38 57	F.—W. R. G	161	19	White cylindrical tower, red band; 65.	R. 231° 30′–333°, G.–342° 30′, W.–10°, G.–40°, W.–55°.

AZOVSKOYE MORE (SEA OF AZOV)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GULF OF TAGANROG: — Taganrog:	N. E.					
31430 *E 5540*	— — Range, on N. mole of new basin, front.	-------	**2 F. G** (vert.)---	42	7	White iron framework beacon, ○, red stripes.	Range lights.
31430.1 *E 5542*	— — — Rear, 245 yards 353° from front.	-------	**2 F. R.** (vert.)--	59	7	White iron framework beacon, □, red stripes.	
31440 *E 5528*	— — Head of N. mole-	47 12 38 57	**F. G**----------	19	2	Iron column; 9--------	
31450 *E 5530*	— — Head of S. mole--	-------	**F. R**----------	19	2	Iron column; 9--------	Depth signals.
31460 *E 5534*	— — Petrovski Basin, head of breakwater.	-------	**F. G**----------	19	1	Iron column; 9--------	
31470 *E 5536*	— — — E. dam-------	-------	**F. R**----------	19	1	Iron framework turret; 9.	
31480 *E 5538*	— — — W. dam------	-------	**F. G**----------	19	1	Iron framework turret; 9.	
31490 *E5546*	— — Cherepakha, on low sandy islet. U.	47 11 38 57	**Fl. G**---------- period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. 100	18	5	Red iron framework structure; 17.	*Seasonal.* The approach channel to Taganrog is marked by F. W. lights.
	— Don River:						
31500	— — *Morskoi Channel Entrance Lighted Buoy.*	47 02 38 55	**Fl. W**--------- period 3^{s} fl. 0.5^{s}, ec. 2.5^{s} Cp. under 100	40	4	--------------------	
31510 *E 5554*	— — Podkhodnoi Channel Range, on flats S. of Morskoi Channel, front. U.	47 04 39 10	**Fl. G**---------- period 1.5^{s}	24	4	Skeleton wooden pyramid, masonry base; 18.	
31510.1 *E5554.1*	— — — Rear, 1,600 yards 115¼° from front. U.	-------	**Fl. G**---------- period 10^{s} fl. 1^{s}, ec. 9^{s}	36	4	Skeleton wooden pyramid, masonry base; 18.	
31520 *E 5550*	— — Morskoi Channel outer range, front. U.	47 05 39 08	**Occ. W**-------- period 2^{s} lt. 1^{s}, ec. 1^{s} Cp. 700	40	11	Wooden pyramidal beacon; 29.	Range lights.
31520.1 *E 5552*	— — — Rear, 70° from front. U.	47 06 39 10	**Occ. W**-------- period 1^{s} lt. 0.5^{s}, ec. 0.5^{s} Cp. 700	88	12	Black wooden pyramidal beacon, upper half sheathed; 77.	
31530 *E 5556*	— — Morskoi Channel inner range, front.	47 05 39 16	**Occ. W**------- period 1^{s} lt. 0.5^{s}, ec. 0.5^{s}	27	8	Black framework structure, △; 25.	Range lights.
31530.1 *E 5558*	— — — Rear, 82° from front.	47 05 39 17	**Occ. W**------- period 3^{s} lt 2^{s}, ec. 1^{s}	40	9	Black framework structure, ball topmark; 60.	

AZOVSKOYE MORE (SEA OF AZOV)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GULF OF TAGANROG: — Yeisk:	N. E.					
31540 *E 5560*	— — Yeisk Spit Range, NE. extremity, front. U.	46 46 38 20	**Occ. R** period 1^s lt. 0.5^s, ec. 0.5^s Cp. 600	34	10	Black framework mast, ▽; 45.	Visible 97°–277°; a faint light is visible over an arc of about 7° beyond these limits. Range lights.
31540.1 *E 5562*	— — — Rear, 817 yards 185° from front. U.		**Occ. W** period 2^s lt. 1^s, ec. 1^s Cp. 6,000	39	10	Black framework mast, △; 69.	Visible 61°–267°.
31550 *E 5566*	— — N. side of basin, front.	46 44 36 17	**F. R** Cp. 100	76	8	Framework structure, ▽; 68.	Range lights.
31550.1 *E 5568*	— — — Rear, 1,027 yards 134° from front.		**F. G** Cp. 100	94	8	Framework structure, ○; 93.	
31560 *E 5570*	— — Head of E. mole		**Occ. R** period 1^s lt. 0.5^s, ec. 0.5^s Cp. 200	21	3	Black iron framework structure; 12.	
31570 *E 5572*	— — Head of W. mole		**Fl. G** period 3.5^s fl. 0.5^s, ec. 3.0^s Cp. 200	21	3	Black iron framework structure; 12.	Visible 72°–128°. A F. G. light is shown on S. side and a F. R. light on N. side of entrance to inner basin.
31580 *E 5578*	Kamyshyevat, (Kamuishevat) 4 miles NW. of spit. U.	46 24 37 56	**Fl. R** period 13^s fl. 1^s, ec. 12^s	98	8	Red iron framework structure, ◇; 59.	
31590 *E 5580*	Beisug Liman Range, front.	46 16 38 17	**F. W**	33	4	Red mast, framework △; 29.	Range lights.
31590.1 *E 5582*	— Rear, 169 yards 105°30′ from front.		**F. W**	36	4	Red mast, framework ○; 33.	
31600 *E5586*	**Akhtarskiy, N. of town on E. side of Akhtarskiy Bay.**	46 06 38 11	**Fl. W** period 6^s fl. 1.5^s, ec. 4.5^s	85	16	White octagonal stone tower; 67.	Visible 80°–170°. **Radiobeacon.**
31610 *E5592*	— Head of mole	46 02 38 09	**F. W**	15	4	Wooden post; 7	
31620 *E 5594*	Achuevski, Sladkoe River, S. side of entrance.	45 41 37 39	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	54	8	Red iron skeleton tower; 49.	
	TEMRIUK (TEMRYUK):						
31630 *E5598*	— Range, right bank of Kuban River, front.	45 20 37 22	**F. G** Cp. 100	28	6	Iron framework column, △; 39.	Storm signals. Range lights.
31630. 1 *E5600*	— — Rear, 1,013 yards 140° from front.		**F. R** Cp 200	34	6	Iron framework structure, ball topmark; 65.	
31640 *E 5602*	— Near head of E. mole.		**Fl. R** Cp. under 100	16		Iron column	*Not shown in bad weather.*
31650 *E5606*	— **Temriuk** (Temryuk), E. of Kerch Strait.	45 20 37 15	**Fl.—W. R** period 7.5^s fl. 1.5^s, ec. 6^s	226	W. 20 R. 13	White octagonal tower; 46.	W. 105°–134°, R.–170°, W.–270°.

AZOVSKOYE MORE (SEA OF AZOV)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
31670 *E5428*	**Cape Akhilleon,** E. entrance to Kerch–Yenikale Strait from Sea of Azov.	45 26 36 47	**Occ. R** period 7^s lt. 3.5^s, ec. 3.5^s	164	3	White triangular framework tower, □; 20.	**Siren:** 1 blast every 30^s.

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	For Kerch Strait lights see Nos. 30830–31110.						
	ANAPA:						
31680	— *Lighted Buoy,* 12.8 miles 152° 45′ from Anapa Light.	44 42 37 26	**Fl. W** 60 fl. per min.	11	3	Black and white buoy	
31690 *E 5618*	— **Anapa,** S. angle of town wall.	44 53 37 18	**Fl. R** period 15^s fl. 3^s, ec. 3^s " 3^s, " 6^s	144	12	Pyramid, gallery; 66	
31700 *E5622*	— Range, 240 yards NNE. of river mouth.	-------	**Qk. Fl. G**	14	4	Quadrangular iron framework tower, white quadrangular daymark with black stripe; 26.	Directional.
31700. 1 *E 5622.1*	— — Rear, about 480 yards 98° from front.	-------	**Occ. R** period 2^s	47	4	Quadrangular iron framework tower, white quadrangular daymark with black stripe; 39.	Directional.
31710 *E 5626*	— On mole, front	-------	**Fl. Blue** period 3^s fl. 1^s, ec. 2^s	----	1	White wooden mast, black framework △; 26.	Storm signals. Range lights.
31710.1 *E 5628*	— — Rear, 182° from front.	-------	**Fl. R** period 3^s fl. 1^s, ec. 2^s	----	1	White wooden mast, black framework △.	
31720 *E5636*	**Utrish Islet,** S. of Anapa. U.	44 46 37 23	**Occ. W** period 3^s lt. 1.5^s, ec. 1.5^s	50	12	White hexagonal concrete structure; 20.	Visible 307°–160°.
31730 *E 5632.5*	Ozereyka, west of mouth of the Ozerzik River.	44 40 37 39	**Fl. G** period 8^s fl. 1^s, ec. 7^s	----	5	-------------------	
	NOVOROSSISK BAY:						
31740	— *Sudzhukskiy West Lighted Buoy.*	44 40 37 50	**Fl. R** period 2.5^s fl. 0.3^s, ec. 2.2^s	11	3	Red and white striped buoy.	**Siren.**
31750 *E5636*	— **Doob Point,** at entrance to bay, SE. side.	44 38 37 55	**Occ. W** period 7.5^s lt. 4.5^s, ec. 3.0^s	344	21	White octagonal tower; 82.	Visible 332°–145°. **Radiobeacon.**
31760 *E5640*	— Kabardinskiy Range, front.	44 38 37 56	**Qk. Fl. W** 60 fl. per min.	48	10	Quadrangular iron framework structure, white daymark; 29.	
31760.1 *E5640.1*	— — Middle, 0.15 mile 130° from front.	-------	**Occ. W** period 2^s	140	10	Quadrangular iron framework structure, white daymark; 34.	
31760.2 *E5640.2*	— — — Rear, 130° from front.	-------	**F.W**	297	10	Quadrangular iron framework structure, white daymark; 29.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS							
	NOVOROSSISK BAY:	N. E.					
31770 *E5638*	— **Penai Point Range,** front.	44 41 37 53	**Occ. G.** period 3^{s} lt. 1.5^{s}, ec. 1.5^{s}	108	9	Quadrangular iron framework tower; 71. White shield with red stripe inboard.	Range lights.
31770. 1 *E 5638.1*	— — rear, 0.225 mile 1°54′ from front.		**Occ. G.** period 3^{s} lt. 1.5^{s}, ec. 1.5^{s}	193	9	Similar to front structure; 38.	
31772	— Mys Dyobvi Light.	44 42 37 48	**F. R.**	66	1	Red building; 49.	Visible 244°–299°.
31780 *E5642*	— Range, head of E. mole, front.	44 43 37 48	**Occ. G.** period 3^{s} lt. 1.5^{s}, ec. 1.5^{s}	43	5	White cylindrical iron tower; 35.	**Bell:** 2 strokes. Range lights.
31780. 1 *E5642.1*	— — Rear, 1.54 miles 334° from front.		**Occ. G.** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s}	250	16	White square stone structure, red stripe; 44.	
31790 *E 5644*	— Head of W. mole.		**Fl. R.** period 3^{s} lt. 0.5^{s}, ec. 2.5^{s} Cp. under 100	32	3	Red iron skeleton mast, hut; 24.	Lights are shown from piers.
31792 *E5650*	— SW. corner of Timber Wharf.	44 44 37 47	**F. G.**	21	1	White cylindrical post; 14.	
	GHELENJIK BAY:						
31800 *E5656*	— Tolsti Point, E. side of entrance to bay.	44 33 38 03	**Fl. W.** period 3.5^{s} fl. 1^{s}, ec. 2.5^{s}	63	8	White lantern on concrete pyramid; 14.	Visible 321°–156°.
31810 *E 5658*	— NE. shore of bay.	44 35 38 05	**F.—R. G.** Cp. 1,100	52	9	White square tower, dwelling, red stripe; 20.	R. 39°–45°, G.–52°, R.–58°, obscured elsewhere.
31820 *E 5660*	— Head of pier.		**F. G.**	15	2	Wooden post; 15.	
31840 *E5664*	Cape Ido Kopas. U.	44 25 38 14	**Fl. W.** period 5^{s}	113	13	Iron framework pylon white shield daymark; 23.	
31850 *E5666*	Dzhubga.	44 18 38 42	**Fl. W.** period 6^{s}	37	12	Spherical structure on cylindrical masonry tower; 11.	Visible 332°–97°30′.
	PORT TUAPSE:						
31870 *E5668*	— **Cape Kodosh,** W. point of Port Tuapse.	44 06 39 02	**F. Fl. W.** period 45^{s} fl. 6^{s}, ec. 39^{s}	203	20	White octagonal tower, dwelling; 31.	Obscured when bearing S. of 130°. Telephone. **Radiobeacon.**
31880 *E 5670*	— Head of S. mole.		**Fl. G.** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	40	2	Green iron skeleton mast; 26.	A red buoy, Fl. W. is moored 720 yards S. of this light.
31890 *E5672*	— E. head of detached mole.		**Fl. R.**	38	2	Red iron framework column; 24.	2 pairs of F. R. vertical lights on bow and 3 F. R. horizontal lights on stern mark floating dock.

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
31900 *E5680*	PORT TUAPSE: — New Port Range, front.	N. E. 44 06 39 04	**F. Bu. over G**	63	5	Iron framework pyramidal structure, white cylindrical lantern. Seaward side slatted, painted white; 56.	Range lights.
31900. 1 *E5682*	— — Rear, about 140 yards 6°30′ from front.		**F. Bu. over G**	120	5	Iron framework pyramidal structure, white cylindrical lantern. Seaward side slatted, painted white; 40.	
31910 *E 5684*	Lazarevskaya	43 54 39 21	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}		12		
31920 *E5692*	SOCHI (SOCHA): **— Sochi Butkh Point,** near extremity.	43 35 39 43	**F. R**	120	17	White tower, dwelling; 33.	Visible 296°–161° partly obscured by trees from 149°–161°. **Radiobeacon.**
31922 *E5690*	— Head of Western Breakwater.	43 35 39 43	**Fl. R** period 3^{s}			Round tower	
31923	— Head of South Breakwater.		**Fl. G** period 2.5^{s}				
31930 *E5686*	— Sochi Range, front, about 1,100 yards NNW. of No. 31920.		**F. G** Cp. under 100	60	3	White rectangular shield with black center stripe; 29.	Range lights, *shown on request.* Storm signals.
31930. 1 *E5688*	— — Rear, 65 yards 002° from front.		**F. G** Cp. under 100	72	3	Turret of 2-story house, black stripe, O; 33.	
31950 *E 5698*	MZIMTI (MEŽYUMTA): — Adler Point, NW. of village. **U.**	43 25 39 56	**Gp. Fl. (2)—W. R. G** period 24^{s} Cp. 200	35	8	Iron skeleton structure surmounted by white lantern turret with red stripe and gallery; 24.	
31960 *E 5708*	GAGRI: — Range, front	43 19 40 14	**F. R** Cp. 100	168	2	White rectangular daymark, black stripe, △; 16.	Range lights. Visible 329°–84°.
31960.1 *E 5710*	— — Rear, 47 yards 26° from front.		**F, R** Cp. 100	217	2	White rectangular daymark, black stripe, △; 21.	
31970 *E 5714*	— About 150 yards NW. of Gagripsh River entrance, front.	43 19 40 15	**F. G** Cp. under 100	39	2	White framework girder surmounted by ball; 22.	Range lights, mark anchorage. Visible 53°–165°.
31970.1 *E 5716*	— — Rear, about 300 yards 108° from the front.		**F. G** Cp. under 100	99	2	White framework girder surmounted by ball; 16.	
31980 *E5718*	**Pitsunda Point**	43 09 40 21	**Fl. W** period 7.5^{s} fl. 3^{s}, ec. 4.5^{s} Cp. 4, 500	118	16	White framework tower; 111.	Visible 294°–125°. Telephone. **Bell:** 5 strokes every 3 minutes. **Radiobeacon.**
31990 *E 5720*	Suksu (Souk-Su) Point	43 06 40 35	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	53	11	White iron framework column; 40.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS						
		N. E.					
32000 *E 5724*	Gudaut, W. end of village.	43 06 40 39	**Gp. Fl. R.** (2) period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 7.5^s Cp. 100.	54	7	Red hut, white stripe, on framework structure, surmounted by a rectangular shield with white stripe; 14.	Visible 308°–41°.
32010	Novo Afonski, monastery, head of pier.	43 05 40 51	**2 F. W**	35			*Shown when Russian Steam Nav. Co.'s vessels are due.*
	SUKHUMI:						
32020 *E 5726*	— **Mys Sukhumiyskiy**	42 59 40 59	**Fl. W** period 30^s fl. 6^s, ec. 24^s Cp. 36,000	121	17	White cylindrical iron tower; 109.	Visible 237°–116°, and faintly to 127°. **Bell:** 2 strokes in quick succession every 3 min. **Radiobeacon.** Telephone.
32030 *E 5728*	— Range, on SE. extremity of facade of fort, front.	43 00 41 02	**F. R** Cp. under 100	38	4	Red framework mast with ball, masonry base; 30.	Visible 242°–62°. Range lights.
32030.1 *E 5730*	— — Rear, 100 yards 285° from front.		**F. R** Cp. under 100	61	4	Red framework mast with ball, masonry base; 53.	Visible 268°–53°.
32033	— On passenger pier	43 00 41 01	**F. G**				Range lights, each showing F. G. **Bell**
32040 *E 5734*	Kodor Point U.	42 50 41 08	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	52	9	White iron framework column; 40.	
	OCHEMCHIRI:						
32050 *E 5742*	— Ochemchiri	42 42 41 28	**Fl. W** period 3^s	33	10	4-sided truncated pyramid, white hut.	*Shown when required.*
32060 *E 5736*	— Range, front	42 44 41 25	**F. R**	36	3	White tripod, disk topmark; 33.	Range lights.
32060. 1 *E 5738*	— — Rear, 260 yards 359° from front.		**F. R**	52	3	White tripod, disk topmark; 49.	
32070 *E 5740*	— Head of E. mole		**F . G**	36	2	Red iron framework column; 23	
32080 *E 5746*	Fort Anakria, Ingur River entrance. U.	42 23 41 32	**Fl. W** period 1.5^s	42	10	White hut, red stripe on framework structure; 40.	
32085 *E5747*	Khopi River entrance	42 17 41 35	**Fl. R** period 2.6^s fl. 0.5^s, ec. 2.	39	7	On stranded wreck	
	POTI:						
32090 *E 5748*	— **Poti,** near mouth of town Rion River, S. of	42 08 41 40	**Occ. R** period 6^s lt. 3^s, ec. 3^s	118	14	White cylindrical tower; 111.	Visible 268°–167° and 170°–207°. Telephone. **Radiobeacon.**
32100 *E5750*	— Outer Range, front, near base of N. breakwater.	42 09 41 40	**Fl. R** period 2^s fl. 0.5^s, ec. 1.5^s	32	8	White rectangular daymark, red stripe; 23.	
32100.1 *E5752*	— — Rear, 0.34 mile 117° from front.		**F.R**	51	8	White rectangular shield, red stripe; 45.	

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BLACK SEA—UNION OF SOVIET SOCIALIST REPUBLICS						
	POTI:	N. E.					
32110 *E5756*	— Bolshoi Range, front, about 500 yards 329° from Poti Light.	------	**Occ. G** period 2^{s} lt. 1^{s}, ec. 1^{s} Cp. under 100	43	4	White ▭, black stripe, 40.	Range lights, visible 144°–177°.
32110.1 *E5758*	— — Rear, about 650 yards 160° 30′ from front.	------	**F. G** Cp. under 100	77	4	White ▭, black stripe; 72.	
32120 *E 5760*	— N. head of breakwater.	-------	**Fl.—W. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. W. 200, G. under 100	52	W. 7 G. 4	White iron skeleton structure; 52.	W. 12°–282°, G.–12°.
32122	— Extremity of N. breakwater.	-------	**Fl.—R. Bu** period 3^{s}	----	R. 5 B. 2	--------------------	Visible R. 160°30′–250° Bu.–160°30′
32123 *E5761*	— Head of S. spur of N. breakwater.	-------	**Fl. R**	----	1	--------------------	
32124 *E5761 5*	— Near center of harbor.	-------	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	15	1	Post; 16	
32130 *E 5762*	— Elbow of breakwater.	-------	**Fl. Bu** period 4^{s} fl. 0.5^{s}, ec. 3.5^{s} Cp. 200	23	3	White iron framework structure.	Visible 144°–26°.
32131	— Elbow at root of S. mole.	-------	**F. R**	----	----	--------------------	
32140 *E 5764*	— Head of N. mole	42 09 41 35	**2 F. Bu** (vert.) Cp. 800	39 43	----	Post, concrete base	Visible 324°–206°. Storm signals. Traffic signals.
32150 *E 5765*	Kobuletskiy, in S. part of town of Kobuleti. **U.**	41 49 41 46	**Fl. G** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	84	6	White quadrangular iron framework structure, black stripe; 59	
32160 *E 5766*	Tsikhidziri Point	41 45 41 44	**Fl. R**	----	12	--------------------	Visible 25°–198°.
	BATUM:						
32170 *E 5768*	— **Burun Tabiya**	41 39 41 38	**Fl. W** period 12^{s} fl. 2^{s}, ec. 10^{s} Cp. 6,500	65	14	White octagonal masonry tower, dwelling; 57.	Visible 59°–316°30′, unintensified–334°. **Siren:** 2 blasts every 106^{s}. **Radiobeacon.**
32180 *E 5772*	— Petroleum Harbor, head of mole, front.	------	**F.—W. R. G** Cp. 500	44	11	White cylindrical iron tower; 37.	G. 149°–176°, R.–260°, Faint W–149°. Range lights. Visible 82°–262°.
32180.1 *E 5774*	— — Rear, 1,420 yards 172° from front.	------	**Fl. R** period 2.5^{s} fl. 0.5^{s}, ec. 2^{s}	130	7	White square truncated pyramid; 18.	
32190 *E 5770*	— Near root of Burun Tabiya Mole, 230 yards 320° from Batum light.	41 39 41 38	**Fl. G** period 5^{s} fl. 1.5^{s}, ec. 3.5^{s}	31	2	Black wooden mast; 25.	Visible 52°–334°.
32200 *E 5776*	Chorokh River	41 35 41 32	**Fl.—R. G** period 9^{s} fl. 1.5^{s}, ec. 7.5^{s}	44	7	White truncated pyramid; 34.	R. 90°–136°, G.–215°, obscured elsewhere.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BLACK SEA—TURKEY						
		N. E.					
32210 *E 5780*	Hopa, on Perenut (Peronit) Point.	41 24 41 19	**Gp. Fl. W. (2)** period 5^s fl. 0.3^s, ec. 1^s " 0.3^s, " 3.4^s	75	12	White cylindrical tower, dwelling; 39.	
32220 *E 5782*	**Pirios Point,** Rizeh Bay.	41 04 40 31	**Fl. W** period 10^s fl. 1^s, ec. 9^s	51	10	Iron framework tower on white hut.	
32230 *E5783*	Surmena Bay	40 56 40 09	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	90	7	White concrete tower	
32240 *E 5784*	**Trabzon,** on Kalmek Point.	41 01 39 46	**Gp. Fl. W. (2)** period 20^s fl. 1.5^s, ec. 3^s " 1.5^s, " 14^s	100	12	Iron framework structure on tankhouse.	
32249 *E5785*	**— Head of breakwater.**	41 01 39 46	**Fl. R** period 3^s	33	3	----------------	
32260 *E 5786*	**Cape Ieros,** near extremity.	41 07 39 26	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	82	12	White stone tower dwelling.	
32270 *E 5788*	**Tereboli,** on E. point U.	41 01 38 49	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	88	5	Iron framework structure on tankhouse.	
32280 *E 5790*	**Kerasunda,** NW. side of promontory.	40 56 38 24	**Fl. W** period 15^s fl. 1.5^s, ec. 13.5^s	325	8	Mast on hut	
32290 *E 5794*	**Vona Point,** near extremity of cape.	41 08 37 48	**Fl. W** period 10^s fl. 1^s, ec. 9^s	127	12	White iron mast, dwelling.	
32300 *E 5796*	Fatsa Bay, on Fatsa Reef. U.	41 03 37 31	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	20	5	Iron framework structure, concrete base.	
32310 *E 5798*	**Unye (Unieh)** on **Tashkana Point,** N. of village. U.	41 08 37 18	**Gp. Fl. W. (2)** period 6^s fl. 0.6^s, ec. 1.0^s " 0.6^s, " 3.8^s	62	10	Iron framework tripod, concrete hut.	
32320 *E 5800*	**Chiva Burnu,** E. point of Samsun Bay.	41 22 36 39	**Gp. Fl. W. (2)** period 10^s	40	9	White iron tower, dwelling.	
32330 *E5802*	**Samsun,** Cape Kaylon U.	41 19 36 21	**Gp. Fl. (3)—W. R.** period 15^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 9.5^s	46	10	White iron skelton tower, dwelling.	R. 225–270°, W.–225°. A F.R. is shown at head of new mole, 0.64 mile 162°.
32340 *E 5806*	**Bafra Burnu (Halys Point).**	41 43 35 58	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	82	15	White iron skeleton tower, dwelling; 82.	
32350 *E 5807*	Gerze (Gherzeh)	41 49 35 14	**Gp. Fl. W. (2)** period 3^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 1.4^s	49	6	White concrete tower	
32360 *E 5808*	**Cape Sinub (Sinope),** Boz Tepeth Burun. U.	42 01 35 13	**Gp. Fl. W. (2)** period 15^s fl. 1^s, ec. 3^s " 1^s, " 10^s	351	10	White masonry tower; 13	**Siren:** 3 blasts every 60^s.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

BLACK SEA—TURKEY

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
32364	Sinop, on pier	N. E. 42 02 35 11	**F. R**	----	----		
32365	— Clock towe	------	**F. R**	----	----	On clock tower	
32370 *E5809*	Kara Ad Islet at entrance to Ak-Liman.	42 03 35 04	**Fl. R** period 5^s	66	5	White concrete tower; 16.	
32380 *E 5810*	**Injeh Burun** (Cape **Injeh**), near extremity.	42 06 34 58	**Gp. Fl. W. (4)** period 20^s fl. 0.5^s, ec. 2^s “ 0.5^s, “ 2^s “ 0.5^s, “ 2^s “ 0.5^s, “ 12^s	85	15	White masonry tower; 39.	
32390 *E 5812*	**Ineboli (Niopoli) Point**	41 58 33 45	**Fl. W** period 10^s fl. 1^s, ec. 9^s	125	8	White iron mast, dwelling; 39.	
32400 *E 5816*	**Kerempeh Burnu**, near extremity.	42 01 33 17	**Fl. W** period 20^s fl. 2^s, ec. 18^s	269	20	Tower, white hut	**Siren:** blast 8^s, silent 52^s.
32410 *E 581[illegible]*	**Amastra**, summit of peninsula.	41 45 32 25	**Fl. W** period 10^s fl. 1^s, ec. 9^s	252	16	White masonry tower, dwelling; 17.	A F. R. light (provisional), visible 3 miles, marks head of mole at entrance to harbor not shown in stormy weather.
32412 *E5817*	Bartin Burnu	41 42 32 16	**Fl. W** period 5^s. fl. 0.5^s, ec. 4.5^s	56	5	Iron framework tripod	
32420 *E5819*	Filyos, head of pier	41 34 32 03	**F. R**	28	4	White iron post	
32430 *E 5820*	**Zonguldak (Sungul) Burun (Sungul Bay).**	41 28 31 49	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	173	19	White masonry tower, dwelling.	
32440 *E 5822*	— Elbow of mole	-------	**F. R**	30	8	Square iron framework tower.	Visible 62°–218°.
32442 *E5823*	— Head of N. breakwater.	-------	**Qk. Fl. R** 60 fl. per min.	6	7		
32444 *E5825*	Domuz Burnu	41 27 31 48	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	133	2	White iron post	
32450 *E 5826*	**Óluce Burun (Kisi Agsi)**	41 19 31 26	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2^s “ 0.5^s, “ 7^s	256	15	White tower; 29	
32460 *E 5828*	Baba Burun (Cape Baba), in 4-gun battery on S. point of cape.	41 18 31 26	**Gp. Fl. W. (3)** period 20^s fl. 1^s, ec. 2.5^s “ 1^s, “ 2.5^s “ 1^s, “ 12.0^s	72	10	White mast on red roof of white house; 30.	**Bell:** 5 strokes every 2 minutes.
32470 *E5829*	Bender Eregli, head of breakwater.	41 17 31 26	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	28	3	White concrete tower; 28.	

BLACK SEA—TURKEY

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
32478 *E5829.5*	Sakarya, W. side of river.	41 07 30 42	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	31	5	Iron tripod, concrete base; 28.	
32480 *E 5830*	**Kefken (Kirpen) Adasi,** near W. extremity. **U.**	41 14 30 18	**Gp. Fl. W. (3)** period 15^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 9.5^s	79	10	White iron column, dwelling.	
32482 *E5831*	Agva, W. of river	41 08 29 52	**Fl. W** period 3^s	56	5	Concrete tower; 13	
32490 *E 5832*	**Sile (Kilia) Burnu**	41 10 29 37	**Fl. W** period 15^s fl. 1.5^s, ec.13.5^s	220	21	Masonry tower; black and white bands; 161.	
	The Bosporus See Nos. 29130–29340.						

ASIA MINOR AND ADJACENT ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
32500 *E 4588*	**Baba Burnu (Cape Baba).**	39 29 26 05	**Gp. Fl. W. (4)** period 20^s fl. 0.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 2^s " 0.5^s, " 12^s	104	15	Iron column, concrete base.	
32510 *E 4900*	**Cape Sivriji** (Suruce) (T.), N. side of Muselim Channel. **U.**	39 28 26 15	**Gp. Fl. (2) — W. R.** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s	52	10	White masonry tower	R. 347°–7°, W. –347°.
32520 *E 4591*	Kara Point, Gulf of Adramyti.	39 33 26 51	**Gp. Fl. W. (3)** period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 5.5^s	32	10	White tower	
32525 *E4609.4*	Plomarion, head of W. breakwater.	38 58 26 22	**F. R**				
32526 *E4609·6*	— Head of E. breakwater.		**F. G**				
32527 *E4609.5*	Skala Polikhnitou	39 06 26 10	**F. R**		2		
	MYTILINI (LESUOS) ISLAND (G):						
32529 *E4599*	— Kalloni, N. end of Nisos Garbia. **U.**	39 05 26 04	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	76	9	Hut with columns; 20	Visible 355°–330° obscured elsewhere.
32530 *E4598*	— **Megalonisi (Sigri Island).**	39 13 25 50	**Fl. W** period 30^s fl. 7^s, ec. 23^s Cp. 33,000	180	19	Black tower, white lantern; dwelling; 65.	Visible 352°–207°. Eclipse not total within 12 miles.
32532 *F4592*	— **Cape Moliudhos** **U.**	39 23 26 10	**Gp. Fl. W. G** period 10^s fl. 2.5^s, ec. 7.5^s	100	W 16 R 15	White iron tower on concrete base.	W. 68°–219°, G.–239° W.–263°, obs. elsewhere.

ASIA MINOR AND ADJACENT ISLANDS

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MYTILINI (MITYLENI) ISLAND (G):	N. E.					
32535 *E4594*	— Gavatha Rock	39 18 26 01	**Fl. W** period 2^s	51	8	Iron column on hut; 16	
32550 *E4596*	— Cape Skamnia, N. point of island. **U.**	39 23 26 21	**Fl. W.R.** period 5^s fl. 1^s, ec. 4^s	43	12	White iron tower, concrete base.	W. 87°–104°, R.–119°, W.–299°, Obsc.–87°.
32560 *E4604*	— Mytilin: point **U.**	39 06 26 35	**Gp. Fl. W. (3)** period 13.5^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 1.2^s " 0.3^s, " 10.2^s	69	11	Iron framework obelisk on dwelling.	Visible 122°–27°.
32570 *E4600*	— Mitilini, N. side entrance to S. port.	39 06 26 33	**Fl. G** period 1.5^s	29	6	Mast on white house, red roof.	
32572 *E4602*	— — S. side entrance	-------	**Fl. R** period 1.5^s	29	7	Mast on white house, red roof.	
32580 *E4608*	— **Cape Zeitin** **U.**	39 01 26 37	**Gp. Fl. W. (2)** period 12^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 10.2^s Cp. 1,100	165	14	Beacon	Visible 210°–102°, but at a greater distance than 4.5 miles is obscured by land W. of 60°.
32590 *E4609*	— Parama, head of pier	39 03 26 31	**F. R**	30	2	Wooden mast	
32600 *E4610*	Eleos Island (T.), N. end of Channel of Mytilini. **U.**	39 19 26 33	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	216	8	White masonry tower	
32610 *E4612*	Gymno Island (T.), Ali Burun Point. **U.**	39 17 26 36	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	59	8	Wooden mast; 13	
32618 *E4614*	Rowley Point	39 19 26 38	**Fl. W** period 3^s	59	7	--------------------	
32620 *E4616*	Taliasie Pass, W. end	39 19 26 38	**Fl. W** period 1.5^s fl. 0.2^s, ec. 1.3^s	----	1	--------------------	The channel into Aivali Bay is marked by 3 Fl. R. lights on N. side and 3 Fl. G. lights on S. side. Maintained by local authorities.
32630 *E4630*	Kara Burnu **U.**	38 40 26 23	**Gp. Fl. W. (4)** period 20^s fl. 1.5^s, ec. 2^s " 0.5^s, " 2^s " 0.5^s, " 2^s " 0.5^s, " 11^s	318	12	White cylindrical tower, dwelling; 44.	
	İZMIR KÖRFEZI (GULF OF SMYRNA):						
32640 *E4618*	— **Oghlak (Oglak Island)** (T.), SW. point, N. side of Foujes Harbor, entrance.	38 41 26 43	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	82	12	White iron framework structure.	
32650 *E4620*	— Foujes Harbor (T.), on Deirmen Burun, S. side of harbor.	38 40 26 45	**F. R**	65	8	White iron mast and dwelling.	
32660 *E4622*	— Uzun Ada (T.), NE. point. **U.**	38 32 26 44	**Gp. Fl. W. (3)** period 20^s	164	12	White iron column, framework structure.	Signal station.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

ASIA MINOR AND ADJACENT ISLANDS

No.	Name and location	Position, lat. long.	Characteristic and power	Height	Visibility	Structure, height (feet)	Sectors. Remarks. Fog signals
	İZMIR KÖRFEZI (GULF OF SMYRNA):	N. E.					
32670 *E 4626*	— İzmir (Smyrna) (T.), N. head of breakwater	38 25 27 08	**Qk. Fl. —R. G** 80 fl. per min.	-----	2	Wooden post	R. 266°-86°, G.-elsewhere. Shown only when passage is free to outgoing vessels.
32680 *E 4627*	— — S. head of breakwater.	-------	**Qk. Fl. G** 80 fl. per min.	16	2		
32690 *E 4628*	— — Head of port office mole.	38 26 27 08	**Qk. Fl.,—R., G.**	-----	2		G. 266°-86°, R. elsewhere. Shown only when passage is free to incoming vessels.
32692	— — pier light	38 28 27 09	**F. R**	-----	---		
32693	— — W. pier light	38 28 27 09	**F. R**	-----	----		
32700 *E 4632*	**Psara Island** (G.), on Kokino Pulo, near extremity.	38 32 25 37	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s	255	23	White cylindrical tower; 30.	
32710 *E 4634*	— Head of mole	38 32 25 35	**Fl. R** period 1.5^s	29	7	Red iron column, masonry base; 20.	Visible 99°-352°.
	KHIOS ISLAND (G):						
32720 *E 4638*	— **Ghertis Rock,** off N. coast of island. **U.**	38 36 26 03	**Gp. Fl. W. (3)** period 12^s fl. 0.3^s, ec. 1.5^s " 0.3^s, " 1.5^s " 0.3^s, " 8.1^s Cp. 1,000	108	14	White iron column, hut	Visible 87°-293°.
32730 *E 4650*	— Volisso Road	38 28 25 57	**Fl. G** period 1.5^s	39	5	Iron tower, mast; 13	Visible 272°-99°.
32735 *E4649*	— Mesta	38 18 25 55	**Fl. W** period 2^s fl. 0.2^s, ec. 1.8^s	36	8	Iron tower with mast; 16.	Visible 73°-322°.
32740 *E 4640*	— Margariti Island, entrance to Port Marmaro. **U.**	38 34 26 07	**Qk. Fl. R** Cp. under 100	65	5	White tower	Visible 87°-293°.
32750 *E 4642*	— Strovilo Islet, summit, off NE. point of island. **U.**	38 33 26 11	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 200	203	10	Iron tower, concrete base.	Visible 116°-6°, and over narrow arcs of lowlands of Capes Pampakas and Kaminaki.
32760 *E 4652*	— N. Prasonisia **U.**	38 31 26 11	**Fl. G** period 10^s fl. 2.5^s, ec. 7.5^s Cp. under 100	55	3	White tower, concrete base.	Obscured NE. of Spalmatori Islands.
32762 *E4663*	— Mandraki Island	38 30 26 13	**Fl. R** period 2^s	90	5	Concrete column on hut; 19.	Visible 154°-113°.
32770 *E4643*	— Port Kolokithia, Lankado, on point.	38 29 26 08	**Fl. G** period 1.5^s	33	4	Iron tower; 33	Visible 188°-66°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ASIA MINOR AND ADJACENT ISLANDS						
	KHIOS ISLAND (G):	N. E.					
32780 *E 4644*	— Port Kastron (Khios Harbor), NE. angle of fort.	38 23 26 09	2 F. R. (vert.)	59	5	Mast on white hut	
32790 *E 4646*	— — Head of mole, N. side of entrance. U.	38 22 26 08	Fl. W period 3^s	29	6	Pillar; 16	
32800 *E 4648*	— — Head of mole, S. side of entrance. U.	38 22 26 09	Fl. R period 3^s	29	6	Pillar; 16	
32810 *E 4654*	**Pasha Island** (G.), E. point.	38 30 26 19	Fl. W period 60^s fl. 9^s, ec. 51^s Cp. 4,500	246	18	White masonry tower, dwelling with red roof.	Visible 140°–25°.
32820 *E 4656*	Cesme (Kizil Burun) (T.), E. side of Khios Strait. U.	38 20 26 18	Fl. W period 3^s fl. 0.3^s, ec. 2.7^s	33	8	Wooden mast; 13	*Provisional.* Shows very faintly when bearing more than 236°.
32830 *E 4658*	Paspargos Islet (G.), summit.	38 18 26 12	Fl. W period 5^s fl. 0.5^s, ec. 4.5^s	137	10	White masonry tower.	
32840 *E 4660*	**Venetiko Islet** (G.), S. coast of Khios Island. U.	38 08 26 02	Gp. Fl. W. (2) period 15^s fl. 0.3^s, ec. 1.5^s " 0.3^s, " 12.9^s Cp. 1,900	256	17	White iron beacon, concrete base; 10.	Obscured by the high land of Khios Island 132°–217°.
32850 *E 4664*	**Skala Nuova** (T.), NW. point of Kus Adasi. U.	37 52 27 16	Gp. Fl. W. (2) period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s	65	8	White masonry tower; 26.	
32860 *E 4665*	Abanoz Adasi (Panagia Islet).	37 42 27 02	Fl. W period 5^s fl. 0.5^s, ec. 4.5^s	75	8	White stone tower; 23	
	SAMOS ISLAND (G):						
32870 *E 4678*	— Karlovassi (Kalovassi), head of E. breakwater.		Fl. R period 4.5^s fl. 0.5^s, ec. 4^s	26	4	Hut, mast	Locally maintained.
32875 *E 4679*	— — Head of W. breakwater.	37 48 26 41	Fl. G period 4.5^s fl. 0.5^s, ec. 4^s	36	7	Steel obelisk skeleton, iron hut.	
32880 *E 4680*	— — **Pangosi Point,** W. side of entrance to port. U.		Fl. W period 5^s fl. 1^s, ec. 4^s Cp. 1,500	85	15	Iron column	
32900 *E 4666*	— — Kotzikas Point	37 47 26 57	Gp. Fl. W. (2) period 7.2^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 5.4^s	44	10	Iron framework structure; 10.	Visible 342°–221°.
32910 *E 4668*	— Port Vathi	37 46 27 00	Fl. R period 1.5^s	30	7	Iron column, hut; 20	
32915 *E 4699*	— Cape Gatos	37 43 27 04	Gp. Fl. W. (2) period 9^s fl. 0.3^s, ec. 1.6^s " 0.3^s, " 6.8^s	49	10	Cylindrical tower with iron framework structure; 16.	Visible 152°–353°.

ASIA MINOR AND ADJACENT ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
32920 E 4670	SAMOS ISLAND (G): — Port Tigani (Tigam): — — Glykora Point, S. side of Island, W. entrance to Samos Strait.	N. E. 37 41 26 58	**Qk. Fl. W** 80 fl. per min.	66	8	Mast on white house; 20	
32930 E 4674	— — Breakwater Head. U.	37 41 26 57	**Fl. R** period 1.5^s	30	5	Mast, hut; 14	
32940 E 4660	— — Inner Harbor, head of mole. U.	37 41 26 57	**Fl. G** period 1.5^s	20	4	Concrete pillar; 15.	
32950 E 4684	FURNI PASS (FOURNOI CHANNEL): — Cape Domeniko (Ayios Domenikas). U.	37 41 26 37	**Fl. W** period 3.6^s fl. 0.3^s, ec. 3.3^s	52	9	Iron beacon, concrete base; 20.	
32955 E 4689	Psili Ammos (Gr.) U.	37 35 26 28	**Fl. R** period 2^s fl. 0.2^s, ec. 1.8^s	43	5	Iron tower with column; 16.	Visible 324°–176°, obscured elsewhere.
32960 E 4688	— Cape Malaki U.	37 39 26 32	**Gp. Fl. W. (3)** period 12^s fl. 0.3^s, ec. 1.1^s " 0.3^s, " 1.1^s " 0.3^s, " 8.9^s	118	12	Iron beacon, concrete base; 20.	
32965 E 4687	— Cape Trachili	37 35 26 24	**Gp. Fl. W. (2)** period 15^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 12.5^s	151	10	Cylindrical tower, with iron framework structure; 16.	Visible 303°–175°.
32970 E4690	IKARIA ISLAND (G): — **Cape Papas (pappas), (Akrotirion)**	37 31 25 58	**Fl. W** period 60^s fl. 9^s, ec. 51^s	215	23	Cylindrical tower near house; 36.	Visible 278°–158°.
32975 E 4695	— Iskeos Angerika Bay. U.	37 37 26 17	**Fl. W** period 4^s fl. 0.2^s, ec. 3.8^s	43	8	Iron tower with mast; near dwelling; 13.	Visible 228°–46°.
32977	— Ayios Kirikos Light	37 37 26 17	**F. R**	49	4	Iron framework structure; 13.	
32980 E4694	— Cape Dhrepanon (Phanari) E. point. U.	37 42 26 22	**Gp. Fl. W. (3)** period 24^s fl. 1^s, ec. 3^s " 1^s, " 3^s " 1^s, " 15^s	137	18	Iron framework obelisk, hut; 20.	Visible 95°–358°.
32985 E 4693	— Kophinas, on islet NW. of Evthelo Point. U.	37 38 26 10	**Fl. W** period 7.5^s fl. 0.5^s, ec. 7.0^s	59	11	Iron tower; 16	Visible 100°–314°.
32990 E 4692	— **Cape Strephomi (Armeñistis).**	37 38 26 06	**Gp. Fl. W. (2)** period 16^s fl. 1^s, ec. 3^s " 1^s, " 11^s Cp. 2,200	101	16	Iron tower, concrete base; 10.	Visible 58°–269°.
32995 E4776	Gaidaros	37 27 26 57	**Qk. Fl. W** 60 fl. per min.	59	7	Iron tower, framework obelisk; 16.	Visible 186°–33°.

DODECANESE (GR.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PATMOS ISLAND:	N. E.					
33000 *E 4770*	— Port Skala, root of mole.	37 19 26 34	F. R	13	4	Green iron pole; 15	Maintained by local authorities.
33010 *E 4769*	— — Akra Aspri	37 20 26 34	Fl. —W. R period 1.3^s	46	W. 9 R. 5	Iron tower; 6	W. 133°–272°, R.–320°, W.–48°.
33020 *E 4722*	— Cape Ilias	37 16 26 34	Gp. Fl. W. (3) period 9^s fl. 0.3^s, ec. 1.3^s " 0.3^s, " 1.3^s " 0.3^s, " 5.5^s	162	10	Iron tower, framework obelisk; 16.	Visible 182°–86°.
33030 *E 4771*	— Akra Yermanos, on point.	37 20 26 37	Fl. W period 3^s fl. 0.3^s, ec. 2.7^s	118	10	Iron framework tower hut; 16.	Visible 150°–12°.
33042 *E 4769.5*	Anidro Islet U.	37 24 26 30	Fl.—W. R period 6^s fl. 0.4^s, ec. 5.6^s	338	W. 11 R. 6	Iron framework structure; 7.	W. 100°–90°, R.–100°.
33050 *E 4774*	Lipso Island, Port Lipso, near head of mole.	37 18 26 47	F. R	16	1	Cylindrical column surmounted by red iron staff; 13.	Maintained by local authorities.
33052 *E 4775*	Kalapodhia Nisidhes, Vrakhonisidhes Kalapodhia.	37 15 26 49	Fl. W period 4^s fl. 0.4^s, ec. 3.6^s	108	11	Iron framework obelisk. 16.	
	LEROS (LERO) ISLAND:						
33060 *E 4696*	— Santa Marina, E. side of island, head of mole.	37 09 26 53	F. R	33	3	White masonry tower, green bands.	Maintained by local authorities.
33069 *E 4703*	**— Cape Katsouni**	37 07 26 49	Gp. Fl. W.(2) period 10^s fl. 1^s, ec. 2^s " 1^s, " 6^s	236	16	Iron truncated pyramid; 10.	Visible 224°–124°.
33070 *E 4702*	— Punta Angistro, S. side of entrance to Port Laki. U.	37 07 26 50	Fl. G period 2.5^s fl. 0.2^s, ec. 2.3^s	161	6	White iron framework structure; 16.	Visible 345°–105°, and 165°–240°.
33080 *E 4704*	— Port Laki, S. side of Seno di Gonia.		F. R		1	White skeleton structure, red bands.	
33085 *E 4705*	— Glaronisia	37 05 26 53	Fl. W period 1.5^s	46	8	Round iron tower with framework obelisk; 16.	Visible 52°–323°.
33090 *E 4700*	— Saint Kiriaki Island	37 09 26 53	Gp. Fl. W. (3) period 15^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 10.5^s	59	9	Iron tower with mast; 16.	Visible 105°-52°.
33100 *E 4698*	— S. side of Alinda Bay.	37 09 26 52	F. W	49	2	Iron skeleton structure; 23.	Visible 60°–264°. Maintained by local authorities.
33118 *E 4765.5*	Tek Agac Burnu	37 21 27 12	Fl. W period 15^s	43	10		
33119 *E 4777*	Farmakomisi	37 17 27 05	Fl. W period 1.5^s	387	8	Keepers dwelling	
33120 *E 4665.6*	Nice Gul Burnu	37 14 27 32	Fl. W period 3^s fl. 0.3^s, ec. 2.7^s	41	5	White concrete tower; 20.	

DODECANESE (GR.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
33130 *E4665.2*	Kara Ada Islet, NW. point.	N. E. 37 11 27 23	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	56	10	Concrete tower	
33140 *E4708.5*	Buyuk Kiremit Adasi	37 05 27 13	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s	291	10	White concrete tower; 20	
33150 *E4708*	**Kalohimnos** 'U.	37 03 27 07	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	89	10	Stone tower, dwelling; 18.	Visible 123°–83°.
33160 *E 4710*	Port Kalimno, head of breakwater.	36 57 27 01	**Fl. R** period 2^s fl. 0.2^s, ec. 1.8^s	39	9	Stone tower; 30	R. seaward, W. over port.
33170 *E4709*	Kalimnos: Port Vathi, about 220 yards, 174° from St. Irene Church.	36 58 27 02	**Fl. R** period 10^s fl. 2^s, ec. 8^s	36	3	NE. corner of shed roof	
33172 *E4711·3*	Nekrothikes, Vrachosis	36 57 27 06	**Fl. W. R** period 5^s fl. 0.5^s, ec. 4.5^s	75	W. 11 R. 7	Round tower with iron framework obelisk; 16.	W. 49°–349°, R.–49°.
33180 *E 4711.3*	**Nikolaos** (Sapho), Islet summit of Nisos Ayios.	36 53 26 55	**Fl. W** period 10^s fl. 2^s, ec. 8^s	198	17	Iron obelisk, hut; 19	
33185 *E4760.3*	**Stakida-pulo**	35 52 26 51	**Qk. Fl. W** 60 fl. per. min.	184	8	Iron framework tower; 16.	Visible 199°–149°.
33190 *E4761*	**Zaforas** Island	36 05 26 23	**Fl. W** period 8^s fl. 1^s, ec. 7^s	121	17	Framework obelisk on hut; 19.	Visible 65°–300°.
33191 *E 4760.7*	Nisoi Ounia	35 50 26 28	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 7.5^s	323	9	Iron framework obelisk; 16.	
33192 *E4761.3*	Khamilonision	35 52 26 14	**Fl. W** period 3^s fl. 0.2^s, ec. 2.8^s	144	8	Iron framework obelisk; 16.	
33200 *E 4712*	**Fener Burnu** (Punta Haseyin) (T.), N. side of Kos Channel.	36 57 27 16	**Fl. W** period 10^s fl. 3^s, ec. 7^s	49	8	White stone tower, dwelling; 30.	
33210 *E4728*	Kara Ada, on NW. point.	37 00 27 27	**Gp. Fl. W. (2)** period 5^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 3.4^s	48	7	White concrete tower; 26.	
33220 *E4711*	Cape Russa U.	36 55 27 11	**Gp. Fl. (2) W. R** period 10^s fl. 0.8^s, ec. 1.5^s " 0.8^s, " 6.5^s	141	W. 11 R. 7	Iron pylon; 10	W. 182°–263°, R.–282°, W.–86°, obscured–182°.
33230 *E 4722*	KOS (COO) ISLAND: — Kum Point	36 55 27 17	**Fl. R** period 4^s fl. 0.3^s, ec. 3.7^s	30	9	Iron framework structure on white turret, black checkers; 15.	Visible 80°–320°.

No.	Name and location	Position lat. long ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			DODECANESE (GR.)				
	KOS (COO) ISLAND: — Kos Road:	N. E.					
33240 *E 4724*	— — Inner harbor, head of E. mole.	------	F. R----	16	6	Wooden post-- ---	
33250 *E 4726*	— — Inner harbor, head of W. mole.	------	F. G------------	16	4	Wooden post- ------	
33255 *E4726.6*	— Psabhidi Point-- -	36 53 27 20	Qk. Fl. W---- 60 fl. per min.	28	7	Stone tower with balcony.	Visible 70°–334°.
33260 *E4727*	Akr Ayios Foca (Phuka)	36 52 27 21	Fl. W---------- period 4^{s} fl. 0.4^{s}, ec. 3.6^{s}	85	11	Skeleton obelisk, hut; 20.	Visible 169°–58°.
	NISEROS ISLAND:						
33270 *E 4718*	— Mandraki, head of small mole.	36 36 27 10	F. R----------	16	3	Wooden post on masonry hut.	Maintained by local authorities.
33290 *E 4721*	**Gaidharos Islet**---------	36 29 27 17	**Gp. Fl. W. (2)**-- period 16^{s} fl. 1^{s}, ec. 2^{s} " 1^{s}, " 12^{s}	230	17	Iron lattice obelisk, hut; 19.	Visible 15°–264°.
33300 *E 4768*	Stampalia Island, Baia. di Marmari, S. side of bay.	36 33 26 22	F. R----------	16	2	--------------------	
33310 *E 4765*	— **Cape Fluda** -------	36 38 26 23	**Fl. W**---------- period 24^{s} fl. 1^{s}, ec. 3^{s} " 1^{s}, " 3^{s} " 1^{s}, " 15^{s}	347	18	Iron lattice obelisk, hut; 19.	Visible 70°–268°.
33320 *E 4767*	— — N. side of entrance to Port Scala.	36 33 26 22	Fl.—W. R----- period 1.3^{s}	49	W. 7 R. 5	Iron tower; surmounted by framework obelisk, keepers dwelling; 6.	W. 193°–261°, R.–293°, W.–80°.
33340 *E4765.7*	— Khondro Nisi, E. side.	36 34 26 24	Fl. W---------- period 4.5^{s} fl. 0.3^{s}, ec. 4.2^{s}	46	7	Iron tower; 7---------	Visible 121°–323°.
33350 *E4765.5*	— Cape Pulari---------	36 35 26 28	**Gp. Fl. W (2)**-- period 9^{s} fl. 0.3^{s}, ec. 1.2^{s} " 0.3^{s}, " 7.2^{s}	85	9	Iron tower, mast; 16 --	Visible 161°–77°.
33360 *E 4764*	**Kantileousa Island**, SW. point of island.	36 30 26 58	**Gp. Occ. (2)**--- period 15^{s} lt. 8^{s}, ec. 2^{s} " 3^{s}, " 2^{s}	138	20	White tower, dwelling; 59.	Visible 291°–214°.
33365	Ayios Andonios--------	36 40 27 08	**Fl. W**---------- period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	41	8	Round iron tower, framework column; 16.	Visible 217°–110°.
33370 *E 4736*	Khalki, (Khalkia) Island, Skala, anchorage.	36 13 27 39	F. R-----------	39	2	Wooden post; 20------	
33380 *E4763*	Kaso Island, Agios Georgio Point. **U.**	35 25 26 57	**Fl.—W. R**----- period 2.4^{s} fl. 0.2^{s}, ec. 2.2^{s}	92	W. 9 R. 7	Pyramid; 10----------	R. 83°–175°, W.–241°, R.–251°, W.–257°.
33390 *E 4762*	— Entrance to Port Ofri.	35 25 26 57	F. W----------	22	4	Post; 13------------	*Exhibited only when vessels are expected.* Maintained by local authorities.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			DODECANESE (GR.)				
		N. E.					
33400	Plati Island, summit. U.	35 22 26 51	Fl. W. period 8^s fl. 1^s, ec. 7^s	121	17	Iron framework obelisk, hut; 19.	
33405 *E4761.5*	Strongilo-Nisi. U.	35 26 27 02	Gp. Fl. W. (2) period 10.8 fl. 0.3^s, ec. 1.5^s " 0.3^s, " 8.7^s	75	9	Iron tower; 16.	Visible 91°–6°.
33410 *E 4758*	Pegadia, near Scarpanto Island.	35 31 27 14	Fl. R. period 1.5^s fl. 0.2^s, ec. 1.3^s	66	5	White iron tower; 13.	Visible 262°–81°. Only shown when mail steamer is expected. Privately maintained.
33420 *E4760*	Cape Paraspori, N. end of Saria Island. U.	35 54 27 13	Gp. Fl. W. (2) period 16^s fl. 1^s, ec. 2^s " 1^s, " 12^s	160	18	Iron framework structure, hut; 20.	Obscured 288°–66°.
	RHODES ISLAND:						
33430 *E4756*	— **Cape Prassonisi**, S. end of island. U.	35 52 27 47	Gp. Fl. W. (3) period 15^s fl. 0.35^s, ec. 2.65^s " 0.35^s, " 2.65^s " 0.35^s, " 8.65^s	215	22	White masonry tower, dwelling; 46.	Visible 273°–179°.
33435	— Rodhos AVIATION LIGHT, airport control tower.	36 22 28 01	Alt. Fl.—W. G period 4^s	246	---	---	
33436 *E4740*	— **Tragousa**	36 13 27 42	Fl.—W. R. period 5^s fl. 0.5^s, ec. 4.5^s	66	W. 11 R. 7	Iron cylindrical tower, framework column; 16.	W. 164°–229°, R.–251°, W.–40°, obsc.–elsewhere.
33460 *E 4743*	— Capo della Sabbia, NE. extremity of island.	36 27 28 13	Fl. R. period 4^s fl. 0.4^s, ec. 3.6^s	36	7	Iron column on top of the aquarium.	Visible 37°–314°.
	— Rhodes Harbor:						
33480 *E 4744*	— — **St. Nicola**	36 29 28 14	Gp. Fl. W. (2) period 12^s fl. 1.2^s, ec. 3.0^s " 1.2^s, " 6.6^s	85	15	White cylindrical tower; 82.	Visible 78°–347°.
33490 *E 4754*	— — Porto del Mandracchio, head of W. mole.	-----	F. G.	17	2	Masonry column	Visible 132°–40°.
33500 *E 4752*	— — — Head of E. mole.	-------	F. R.	17	3	Masonry column	Visible 335°–244°.
33510 *E 4746*	— — Kandia Point, NW. corner of pier, about 670 yards 145° from St. Nicola Tower.	------	Fl. R. period 2^s fl. 0.2^s, ec. 1.8^s	33	9	Steel framework tower	
33520 *E 4748*	— — Head of breakwater, W. side of entrance to Porto Mercontilis.	36 26 28 14	Fl. G. period 2^s fl. 0.2^s, ec. 1.8^s	40	7	Iron framework structure, black and white bands.	
33529 *E 4755*	Paximada Rock	36 00 28 06	Fl.—W. R. period 4^s fl. 0.4^s, ec. 3.6^s	98	W. 11 R. 7	Iron tower with column; 17.	W. 184°–139°, R.–184°.

No.	Name and location	Position. lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		TURKEY—ASIA MINOR					
		N. E.					
33530 *E 4731*	Budrum, N. shore of Gulf of Kos, W. side of entrance to harbor, E. end of spit.	37 02 27 27	Fl. W. period 5^{s}	26	10	White masonry tower, dwelling; 33.	
33540 *E 4732*	**Cape Kriyo Burnu**	36 41 27 22	Gp. Fl. W. (2) period 5^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 3.4^{s}	340	15	White stone tower, dwelling.	Visible 315°–183°.
33550 *E 4732.5*	Ince Burun	36 40 27 41	Gp. Fl. W. (3) period 15^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 9.5^{s}	48	8	White concrete tower; 26.	
33560 *E 4733*	Som Ad (Ata Island) **U.**	36 43 27 43	Fl. R. period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	34	3	White concrete tower	
33566 *E 4734.5*	Urakhonisis Hondros	36 39 27 49	Fl. W. period 1.5^{s}	75	8	Iron framework tower; 16.	Visible 52°–283°.
	SYMI (SIMI) ISLAND:						
33568 *E 4735.3*	— Akra (Cape) Filonika.	36 37 25 52	Fl. W. period 1.5^{s}	75	5	Iron framework tower; 16.	Visible 80°–283°.
33570 *E 4735*	— Katsumba Point	36 38 27 53	Fl. W. period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	72	9	White house; 10	
33580 *E 4734*	— On quay (Gr.)	36 37 27 52	F. G.	15	2	Iron tripod; 10	Private light.
33585 *E 4735.2*	— Simi, entrance to Panormiti (Greek).	36 33 27 50	Fl. R. period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	43	5	Iron tower with column; 16.	Visible 308°–173°, obscured elsewhere.
33590 *F4735.5*	**Troumpeta** (Sescli Islet). **U.**	36 30 27 52	Gp. Fl. W. (3) period 15^{s} fl. 1^{s}, ec. 2^{s} " 1^{s}, " 2^{s} " 1^{s}, " 8^{s}	98	16	Iron lattice obelisk, hut; 19.	Visibility 218°–102°.
33600 *E 5836*	Adassi Point S. point of island.	36 48 28 16	Fl. R. period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	102	5	Mast on white dwelling, red roof.	
33610 *E 5838*	Cape Marmari (Kadinga) near extremity.	36 44 28 21	Gp. Fl. W. (3) period 15^{s} fl. 0.5^{s}, ec. 2^{s} " 0.5^{s}, " 2^{s} " 0.5^{s}, " 9.5^{s}	128	12	Mast on white dwelling, red roof.	
33620 *E 5839*	Dalyan (Cimindere) Islet.	36 48 28 36	Gp. Fl. W. (2) period 5^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 3.4^{s}	115	8	White tower	
33628 *E 5839.5*	Peximet Adasi (Paximadi).	36 34 28 50	Fl. W. period 10^{s} fl. 1^{s}, ec. 9^{s}	112	12	White concrete tower; 26.	
	FETHIEH GULF:						
33630 *E 5840*	— **Kizal Island**, Kizil Ada, S. point.	36 39 29 06	Fl. W. period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	105	15	White masonry tower; 41.	
33640 *E 5842*	— Cavaliere Island (Fethiye Adasi), S. point. **U.**	36 39 29 09	Fl. W. period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	56	6	White iron column	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

TURKEY—ASIA MINOR

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	FETHEIH GULF:	N. E.					
33650 *E 5843*	—, Sunk Rock, 1,160 yards, 269° from Cavaliere Island Light.	-------	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	23	3	White concrete tower	
33660 *E 5844*	—, About 1.2 miles, 139° from Cavaliere Island Light. **U.**	-------	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	23	3	White concrete tower	
33665 *E5845*	About 0.8 mile 353° from Port Kastelorizo Light.	36 10 29 37	**Fl.—W. R** period 5^s	56	W. 9 R. 6	Iron column; 7	W. 60°-76°, W. 86°-95°, R.-125°, W.-254°.
33670 *E 5846*	Port Kastelorizo, E. side of entrance.	36 08 29 39	**Fl. R** period 2.4^s fl. 0.2^s, ec. 2.2^s	33	7	Turret on building	Visible 20°-252°.
33680 *E 5848*	**Ipsili Island,** SW. point.	36 06 29 41	**Fl. W** period 5^s fl. 1^s, ec. 4^s	279	20	White masonry tower; 33.	
33690 *E 5849*	Phineka Bay, western shore of bay.	36 17 30 13	**Gp. Fl. W. (2)** period 5^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 3.4^s	59	8	----------------------	
33700 *E 5852*	Cape Khelidonia **U.**	36 12 30 27	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s	177	3	White stone structure	
33710 *E 5850*	— **Gelidonya Br.,** about 0.9 mile from extremity of cape.	36 13 30 28	**Gp. Fl. W. (3)** period 10^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 5.5^s	744	15	White stone tower, dwelling; 30.	
33720 *E 5854*	Atrasan (Adratchan) Bay, S. side of entrance.	36 17 30 33	**Gp. Fl. W. (2)** period 15^s fl. 1^s, ec. 2^s " 2^s, " 10^s	147	8	White iron skeleton structure, dwelling.	Shows the Morse letter "A."
33730 *E5857*	Adalia, N. Mole	36 52 30 46	**F. R**	26	3	White iron structure, concrete base.	
33740 *E5856*	— S. Mole	-------	**F. G**	26	3	White iron structure; 15	
33750 *E 5858*	Baba Burnu about 2 miles W. of Laara. **U.**	36 50 30 50	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	114	8	White stone tower, dwelling.	
33760 *E 5860*	**Alanya (Cape Kiloarda),** tower of old fort, on Dildarde Burnu.	36 31 32 02	**Fl. W** period 20^s fl. 2^s, ec. 18^s	686	20	Tower	
33770 *E 5862*	**Cape Anamur**	36 01 32 51	**Gp. Fl. W. (2)** period 5^s fl. 0.3^s, ec. 1.0^s " 0.3^s. " 3.4^s	223	15	White masonry tower, dwelling; 33.	
33780 *E 5866*	Port Gilindire (Chelindereh), E. side of entrance.	36 09 33 22	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s	75	8	Iron framework, masonry base.	
33790 *E 5868*	Provansal Island (Dana Adasi), NE. point.	36 12 33 48	**Gp. Fl. W. (2)** period 10^s fl. 0.5^s, ec. 2^s " 0.5^s, " 7^s	229	10	White iron pedestal, concrete base.	Obscured 22°-131°.
33800 *E5870*	Lisan el Kahbe (Incekum burnu, Tasucu) Point. **U.**	36 14 33 59	**Fl. W** period 10^s fl. 1^s, ec. 9^s	33	11	White iron tower, dwelling.	**Radiobeacon:** Silifke 36°22′ N. 33°58′ E.

TURKEY—ASIA MINOR

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
33810 *E 5872*	Mersina (Mersin), on point 1 mile SW. of town.	36 47 34 37	**Fl. W** period 20^s	53	12	White masonry tower and dwelling.	
33820 *E 5872*	— Head of customhouse pier.	....	**F. R**	......	.....	....	*Occasional.*
33830 *E 5874*	**Karatas Burnu,** NW. side of Iskenderun Korfezi.	36 33 35 20	**Fl. W** period 10^s fl. 1^s, ec. 9^s	115	10	White iron mast and dwelling.	
	ISKENDERON:						
33840 *E 5912*	— Iskenderon (Alexandretta), W. point of roadstead.	36 36 36 09	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	49	10	White tower; 66	Obscured 234°–shore.
33847	— About 1,000 yards 66° from head of W. mole.	36 36 36 11	**F. W**	......	.....	....	*Occasional.*
33850 *E 5914*	— Head of W. mole	......	**Fl. R** period 7.5^s	30	3	Iron column; 13	
33860	— Head of new railroad pier.	......	**F. R**	......	.....	....	Reported atop grain elevator.
33870 *E 5916*	**Domuz (Hinzir) Burnu**	36 19 35 46	**Gp. Fl. W. (2)** period 5^s fl. 0.5^s, ec. 1^s fl. 0.5^s, ec. 3^s	357	22	White tower with dwelling; 14.	

CYPRUS ISLAND (Br.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
33880 *E 5910*	**Paphos Point,** SW. point of island. **U.**	34 45 32 24	**Fl. W** period 15^s fl. 1.5^s, ec. 13.5^s	118	17	White cylindrical masonry tower; 65.	Visible 277°–141°.
33880.5 *E 5911*	Port Paphos, SE. of pier	....	**Fl. R** period 3^s	15	3	Beacon	
33881 *E 5911.1*	Paphos Range, front	....	**F. R**	25	2	Mast	
33881.1 *E 5911.2*	— Rear, about 0.1 mile 334° 30′ from front.	....	**F. R**	41	2	Mast	
33882	— Akrotiri AVIATION LIGHT.	34 35 32 59	**Gp. Fl. R (5)**	121	.....	Beacon	Morse Code AK.
33890 *E 5878*	**Cape Gata,** summit, S. point of island.	34 34 33 01	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	190	15	White masonry tower	Obscured 130°–189°.
33902 *E 5880.1*	Limasol, NW. corner of S. Quay.	34 40 33 02	**Fl. G** period 3^s	29	7	....	
33903 *E 5880*	— Head of breakwater, N. of S. Quay.	....	**F. R**	29	6	....	
33910 *E 5881*	Zyyi, off point, W. of village.	34 42 33 19	**F. R**	85	6	Loading pylon; 85	Two radio masts in vicinity are marked by 6 F. R. lights.

CYPRUS ISLAND (Br.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
33920 *E 5882*	Cape Kiti, near extremity	N. E. 34 48 33 37	**Gp. Fl. W. (3)** period 15^{s} fl. 0.5^{s}, ec. 1.5^{s} fl. 0.5^{s}, ec. 1.5^{s} fl. 0.5^{s}, ec. 10.5^{s}	67	13	White masonry tower	6 F. R. lights are shown from 2 radio masts at Vasilicos.
33930 *E 5884*	Larnaka, S. end of arm at head of pier.	34 55 33 38	**F. R**	30	5	Black iron column	
33940 *E 5884*	— N. end of arm at head of pier.	... ...	**F. R**	30	5	Black iron column	
33950 *E 5838*	**Cape Greco,** SE. point of island.	34 56 34 05	**Fl. W** period 15^{s} fl. 1.5^{s}, ec. 13.5^{s}	52	12	White masonry tower, 50	
	FAMAGUSTA:						
33970 *E 5890*	— NW. of town **U.**	35 08 33 56	**Fl.—W. R** period 2.5^{s} fl. 0.2^{s}, ec. 2.3^{s}	60	W. 10 R. 5	Black and white striped masonry structure; 35	W. 178°–216°, R.–313°.
33980 *E 5892*	— Head of E. breakwater	......	**F. R**	30	2	Black iron column; 25	Visible in channel only. A F. R. and a F. W. (occasional) light mark the passage N. of White Rock.
33990 *E 5894*	— Head of W. jetty	......	**F. R**	30	2	Black iron column; 25	Visible in channel only.
34000 *E 5898*	— SE. bastion, extreme E. edge of wall.	......	**F. W**	62	3	Stone tower; 22	
34010 *E 5900*	**Klides Island,** off end of Cape Andreas. **U.**	35 42 34 36	**Gp. Fl. W. (2)** period 10^{s} Cp. 700	60	12	White steel tower; 25	
34020 *E 5902*	**Kyrenia,** head of W. mole **U.**	35 20 33 20	**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	37	8	Stone tower, red lantern; 31.	
34030 *E 5904*	**Cape Kormakiti** **U.**	35 24 32 55	**Gp. Fl. W. (2)** period 20^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 16^{s}	100	16	White steel framework structure; 73.	
34040 *E 5906*	**Karavosrosi (Xeros) Jetty**	35 08 32 50	**Fl. R** period 3^{s} fl. 0.2^{s}, ec. 2.8^{s}	61	7	Gray steel tripod on building, 23.	
34042	— W. pierhead	......	**Fl. W** period 5^{s}	60	5	......	

SYRIA

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
34050 *E 5920*	**Ras Iban Hani**	35 35 35 43	**F. Fl. W** period 5^{s} F. 4.5^{s}, fl. 0.5^{s}	46	Fl. 12 F. 10	White tower; 16	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			SYRIA				
34060 *E 5922*	**Lotakio (Lattaque),** on Old Castle.	N. E. 35 31 35 46	**Occ. R** period 5^s lt. 4^s, ec. 1^s	56	10	White tower; 16	An Occ. G. ev. 2^s 9 mile light marks the head of pier.
34062	— Range, front	35 32 35 46	**Qk. Fl. W.**	33	10	Iron framework tower with white triangular-shaped topmark.	
34062. 1	— — Rear, about 430 yards 133° from front.	....	**Occ. W** period 4^s lt. 2^s, ec. 2^s	66	12	Iron framework tower with white triangular-shaped topmark.	
34070 *E 5923*	Banias (Banyas) head of W. breakwater.	35 13 35 57	**Fl. W** period 5^s	19	4	....	**Radiobeacon,** (about 1.5 miles northward).
34080 *E 5923.2*	— Head of N. breakwater	....	**Fl. R** period 10^s	19	3	....	
34085 *E 5923.5*	— **Rasel Burj,** about 1.5 miles 257° 30′ from Markhab Castle.	35 09 35 56	**Gp. Fl. (2)—W. R** period 9^s fl. 0.5^s, ec. 1.6^s fl. 0.5^s, ec. 6.4^s	321	W. 16 R. 12	Square concrete structure; 33.	W. 15°–175°, R.–195°.
34090 *E 5924*	**Ruod (Arodus) Island**	34 51 35 51	**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. 200	52	12	White tower on fort; 13	
			LEBANON				
34100 *E 5926*	TRIPOLI: — **Ramkin Island,** off Tripoli.	34 30 35 45	**Gp. Fl. W. (3)** period 10^s fl. 0.5^s, ec. 1.5^s fl. 0.5^s, ec. 1.5^s fl. 0.5^s, ec. 5.5^s	65	13	White tower; 26	
34110 *E 5932*	— El Mina, head of new breakwater.	34 28 35 49	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	39	10	White tower; 20	A F. R. and a F. G. light mark the entrance to the basin. F. R. lights mark 2 radio masts about 3 miles eastward.
34120 *E 4932*	— Tower of Lions	34 27 35 49	**F. R**	......	3	....	*Occasional.* A F. R. light is shown close westward of the tower.
34130 *E 5934*	BEIRUT (BEYROUTH): —**Ras Beirut**	33 54 35 28	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 7.2^s Cp. 830,000	257	23	White octagonal tower, black bands.	**Radiobeacon:** 33° 54′ N., 35° 29′ E.), on pylon showing R. and W. lights.
34140 *E 5936*	— Head of N. mole	33 54 35 31	**Fl.G** period 3^s fl. 0.3^s, ec. 2.7^s	48	8	Metal pylon	
34150 *E 5937*	— Head of E. mole	....	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	34	8	Metal pylon	
34160 *E 5938. 1*	— Beirut AVIATION LIGHT.	33 50 35 29	**Gp. Fl. G** period 12^s	139	.....	On hanger	Morse code BL.

LEBANON

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BEIRUT (BEYROUTH):	N. E.					
34160.5 *E 5938*	— — AVIATION LIGHT . . .	. . . .	**Alt. —W. G** . . . . period 4^{s}	137	. . . . .	Control	
34165 *E 5937.2*	— Quarantine Point	33 54 35 32	**Gp. Fl. W. (2)** . . . . . . period 3^{s} fl. 0.3^{s}, ec. 0.7^{s} fl. 0.3^{s}, ec. 1.7^{s}	54	10	White iron framework tower; 16.	
34170 *E 5940*	**Saido (Sidon),** Ziri Island . . . **U.**	33 34 35 22	**Fl. R** . . . . period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	33	6	White pylon, 13	
34172	— Port entrance, N. side . .	33 34 35 22	**Fl. G** . . . . period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	25	3	. . . .	
34173	— Port entrance, S. side . . .	. . . .	**Fl. R** . . . . period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	25	3	. . . .	
34175 *E 5941.5*	— Zahrani, head of breakwater.	33 30 35 21	**Qk. Fl. G** . . . . 60 fl. per min.	61	10	. . . .	
34180 *E 5941*	— Radiobeacon Station	33 30 35 21	**Fl. R** . . . . period 2^{s}	184	. . . . .	Cage-type construction, red and white.	F. R. lights are shown 45 and 90 feet below this light on same tower. **Radiobeacon.**
34190	— Range No. 1, front	33 30 35 20	**F. G**	46	. . . . .	. . . .	4 flood lights are shown NE. while ships are mooring.
34190.1	— — Rear, about 595 yards 179° from front.	. . . .	**F. G**	64	. . . . .	. . . .	*Shown on approach to No. 1 berth.*
34200	— Range No. 2, front	33 30 35 20	**F. R**	51	. . . . .	. . . .	
34200.1	— — Rear, about 510 yards 180° 30′ from front.	. . . .	**F. R**	82	. . . . .	. . . .	*Shown on approach to No. 2 berth.*
34210	— Range No. 3, front	33 31 35 21	**F. G**	42	. . . . .	. . . .	
34210.1	— — Rear, about 470 yards 180° from front.	. . . .	**F. G**	47	. . . . .	. . . .	*Shown on approach to No. 3 berth.*
34220	— Range No. 4, front	33 30 35 21	**F. R**	54	. . . . .	. . . .	
34220.1	— — Rear, about 630 yards 180° from front.	. . . .	**F. R**	150	. . . . .	. . . .	*Shown on approach to No. 4 berth.*
34230 *E 5942*	**Sour (Tyre),** on old fort NW. of town.	33 17 35 11	**Gp. Fl. W. (3)** . . . . . . period 12^{s} fl. 0.3^{s}, ec. 1.8^{s} fl. 0.3^{s}, ec. 7.5^{s}	49	12	White tower; 20	
34235	— Port entrance, N. side . .	33 17 35 11	**Fl. G** . . . . period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	21	3	. . . .	
34236	— Port entrance, S. side . . .	. . . .	**Fl. R** . . . . period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	21	3	. . . .	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			ISRAEL				
		N. E.					
34240 *E 5944*	**Akka (Acre),** S. of town	32 55 35 04	**Gp. Fl. W. (2)** period 7^s	51	10	White tower; 33	
34250 *E 5956*	**Mount Carmel,** NW. corner of hotel.	32 50 34 58	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s	528	30	White circular tower; 67	Partially obscured 235°–263°, obscured thence to shore.
	HAIFA:						
34260 *E 5946*	— Head of main breakwater. **U.**	32 49 35 00	**Qk. Fl. W.** 60 fl. per min.	46	5	White concrete tower; 31	Light is a mercury discharge light, with green tint. Seven F. W. lights in form of triangle are shown from SW. signal mast about 2 miles 82°. F. R. range lights bearing 124° are shown 1.5 miles ESE. *Occasional.*
34270 *E 5948*	— Head of Lee breakwater. **U.**	....	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s	46	6	White concrete tower; 31	F. R. light on head of E. jetty.
34280 *E 5952*	— Range, W. end of harbor, front. **U.**	....	**F. G**	......	.....	Tower, diamond-shaped daymark.	Range lights.
34280.1 *E 5954*	— — Rear, 200 yards 291° from front light. **U.**	....	**F. R**	......	.....	Tower, Circular-shaped topmark.	A F. R. light is shown at the outer end of West jetty and a F. G. light near the inner end.
	KISHON:						
34281 *E 5954.8*	— Head N. breakwater	32 49 35 01	**Gp. Fl. R. (2)** period 5^s fl. 0.5^s, ec. 0.5^s fl. 0.5^s, ec. 3.5^s	30	6	Gray pylon	
34282 *E 5955*	— Range Front	....	**F. Bu**	......	.....	White steel mast, black bands, triangular shaped topmark; 30.	
34282.1 *E 5955.1*	— — Rear, .16 mile 127° 30′ from front.	......	**F. R**	......	.....	White steel mast, black bands, triangular shaped topmark; 39.	(2) F. R. lights are visible to NE and East.
34283 *E 5954.9*	— Head S. breakwater	....	**Gp. Fl. G. (2)** period 5^s fl. 0.5^s, ec. 0.5^s fl. 0.5^s, ec. 3.5^s	15	4	Gray pylon	
34290 *E 5958*	Tel Aviv	32 06 34 47	**Gp. Occ. W. (2)** period 7^s lt. 4^s, ec. 1^s lt. 1^s, ec. 1^s	65	13	White square concrete tower, black bands.	
34300	— Tel Aviv Harbor, head of N. breakwater.	32 06 34 46	**F. R**	......	.....	....	
34310	— — Head of S. breakwater.	....	**F. G**	......	.....	....	
34320 *E 5960*	**Jaffa,** SW. part of town	32 03 34 45	**Gp. Fl. W. (4)** period 14^s fl. 0.5^s, ec. 1.0^s fl. 0.5^s, ec. 1.0^s fl. 0.5^s, ec. 1.0^s fl. 0.5^s, ec. 9.0^s	95	15	White tower, red bands; 40.	F. R. range lights, bearing 123°, are shown for use of small craft. *Occasional.*

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			ISRAEL				
		N. E.					
	JAFFA:						
34321 *E 5962*	— Head of breakwater	32 03 34 45	**Occ. W** period 30^s lt. 15^s, ec. 15^s	31	.....	Beacon	
34322 *E 5961*	— On Andromeda's Rock	32 03 34 45	**Fl. R** period 5^s	......	.....	Beacon	
34325	— About 9.5 miles 178° from Tel Aviv Light.	....	**Fl. R** period 1.5^s	384	.....	Radio tower	F. R. lights are shown on tower.
			EGYPT				
34328	Gaza	21 30 34 25	**Fl. W** period 3^s	70	10	Beacon	
	PORT SAID:						
34330 *E 5964*	— **Port Said**, entrance to Suez Canal, near inshore end of W. breakwater.	31 16 32 19	**Fl. W** period 10^s fl. 0.3^s, ec. 9.7^s Cp. 2,300,000	184	20	White octagonal masonry tower, black stripes, time ball on roof; 193.	Visible 103°–305°. Storm signals. The approach channel is marked by light buoys. Signal lights F.,—W., R. (vert.) visible 8 miles are occasionally shown from the lookout of the Suez Canal Company's offices.
34332	— *Lighted Buoy*	31 21 32 22	**Fl. W** period 5^s	......	.....	Black and white striped buoy.	**Radar reflector.** *Reported fl. every 8^s, fl. 0.2^s, (1959).*
34340 *E 5974*	— Lake Lighthouse, N. end of Abbas Hilma Basin, front.	31 15 32 18	**F. R**	97	6	Gray iron framework tower; 74.	Visible 207°–229°.
34340.1 *E 5976*	— — Rear, 1,390 yards 217°40′ from front.	....	**Fl. R**	142	7	Gray iron framework tower.	Visible 207°–229°.
34345 *E 5968*	— Head of E. breakwater	31 17 32 20	**Occ. R** period 6^s	......	.....	Pylon	
34350 *E 5969*	— Outer arm of E. jetty	31 16 32 19	**Gp. Occ. R. (2)** period 10^s	......	.....	Pylon	
34360 *E 5970*	— NW. head of central mole. **U.**	....	**Fl. R** period 5^s	26	3	Gray cylindrical iron tower; 19.	
	— Suez Canal:						
34370 *E 5978*	— — Entrance, W. bank S. of Abbas Hilna Basin.	....	**F. G**	......	.....	....	W. range lights are placed at the ends of reaches and at intervals on the banks of the Suez Canal when the straight portions are long; and colored lights at the curves, G. on the E. side and R. on the W. side, except at the curve close to the 31st milepost and the curves between the 33d and 34th mileposts where the lights are W. to guide vessels around them. A F. R. light is shown on the west side of the 3d island.
34380 *E 5986*	— — Petroleum Basin, W. side of entrance.	31 14 32 18	**F. G**	......	.....	....	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	EGYPT						
	For Red Sea Lights see Vol. H.O. 31.	N. E.					
	DAMIETTA MOUTH:						
34390 *E 6156*	— **Damietto,** E. side of entrance.	31 32 31 51	**Fl. W** period 60^{s}	171	19	Black iron tripodal tower, black and white striped lantern.	
34400 *E 6160*	— El Ghirby **U.**	31 31 31 50	**Fl. G** period 3^{s}	12	5	White pyramidal structure, black bands, concrete base; 14.	
34408 *E 6158*	— Head of Ras el Barr Breakwater.	31 32 31 50	**Fl.—W. R.** period 3^{s}	15	W. 8 R. 3	Black and white checkered square concrete structure.	R. 234°–254°, W.–234°.
34420 *E 6162*	**Cape Brulos**	31 35 31 05	**Gp. Occ. W. (2)** period 20^{s} lt. 8^{s}, ec. 4^{s} lt. 4^{s}, ec. 4^{s}	180	19	Black iron tripod, black and white checkered lantern.	
34430 *E 6166*	**Rosetto,** mouth of Nile River.	31 30 30 19	**Alt. Fl.—W. R** period 10^{s} Fl. W. 5^{s} Fl. R. 5^{s}	171	19	Black iron tripod, lantern black and white stripes.	
34440 *E 6168*	Jazirat Dusuqi (Nelson Island), summit.	31 21 30 06	**Fl. W** period 3^{s}	40	5	Red square iron tower, white base; 10.	
	ALEXANDRIA:						
34450 *E 6194*	— Head of Eastern Harbor Breakwater.	31 13 29 53	**Fl. G** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	42	8	Black tripod on octagonal tower.	
34460 *E 6192*	— Eastern Harbor, W. end of El Silsila Breakwater. **U.**	31 13 29 54	**Fl. R** period 3^{s}	50	10	Red skeleton tripod on square iron tower.	
34470 *E 6170*	— **Ras el Tin**	31 12 29 52	**Gp. Fl. W. (3)** period 30^{s} fl. 0.2^{s}, ec. 4^{s} fl. 0.2^{s}, ec. 12.7^{s} fl. 0.2^{s}, ec. 12.7^{s} Cp. 2,300,000	180	19	White cylindrical tower, black bands.	**Radio direction-finder.** **Radiobeacon:** 31°11′, 29°57′. Storm signals. Tfc. signals from Kamaria Signal Station. F. R. lights from radio masts.
34472 *E 6171*	— East end of inner breakwater. **U.**	31 11 29 52	**Fl. R** period 20^{s}	18	1	Red square masonry tower .	
34480 *E 6198*	— Agamy (El Agami) Island, W. end.	31 09 29 47	**Fl.—W. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	60	8	Black square tapered tower, white bands.	R. 207°–249°, W.–207°.
34490 *E 6178*	— Entrance Range, Great Pass Low Light, 1,300 yards 180° from light on S. head of outer breakwater, front.	31 09 29 51	**F.—R. W. R.** (vert.).	R. 58 W. 43 R. 28	5	Cylindrical tower, red bands; 64.	
34490.1 *E 6180*	— — Rear, Mex High Light, 815 yards 113° from front.	......	**2 F. W.** (vert.)	94 124	10	Cylindrical tower, black top with ball and spike.	The R. lights are visible 50°–150°, but show W. elsewhere. Visible 95°–169°.
34500 *E 6176*	— Great Pass Beacon **U.**	31 10 29 48	**Qk. Fl. W** 60 fl. per min.	65	8	Octagonal black and white checkered structure.	

EGYPT

No.	Name and location	Position lat. long. ° '	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
	ALEXANDRIA:						
34510 *E 6172*	— S. head of outer breakwater. **U.**	31 10 29 51	**Fl. R** period 3^s	47	8	White cylindrical masonry tower, red masonry base.	
34520 *E 6182*	— Head of quarantine breakwater. **U.**	......	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	45	8	White tower	
34530 *E 6188*	— — NE. extremity	31 10 29 51	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s	12	.....	Black square masonry tower; 10.	
34540 *E 6190*	— Inner Harbor, Gabari Molehead (coal mole). **U.**	31 11 29 52	**Fl. G** period 3^s	47	5	Black hexagonal tower, red masonry base.	
34550	— Arsenal Basin, E. side of port, W. side of entrance.	31 12 29 53	**Fl. R**	......	.....	Red structure	
34560	— — E. side of entrance	......	**F. G**	......	.....	......	
34565 *E 6196*	— AVIATION LIGHT	31 08 29 48	**Alt. Fl.—W. G** period 8^s	30	.....	......	*Occasional.*
34570 *E 6200*	**Ras Alam el Rum** **U.**	31 22 27 20	**Fl.—W. R** period 3^s	145	12	White square iron tower, black bands; 8.	R. 77°–107°, W.–287°, R.–332°.
	MERSA MATRUH:						
34590 *E 6201*	— Range, front	31 21 27 14	**F. W**	......	5	Beacon	
34590.1 *E 6202*	— — Rear, 340 yards 210° from front.	......	**F. W**	......	5	Beacon	Range lights.
34600 *E 6204*	**Sidi Barrani (Ras Haleima)** **U.**	31 38 25 55	**Fl. W** period 5^s	49	10	Black iron tower; 8	
34610 *E 6206*	Salum Harbor, head of pier **U.**	31 34 25 10	**Fl. W** period 3^s	32	8	Concrete tower, square house, black and white bands.	

LIBYA

No.	Name and location	Position lat. long. ° '	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
34620 *E 6214*	**Ras Azzaz**, on point **U.**	31 58 24 59	**Gp. Fl. W. (2)** period 11^s fl. 0.5^s, ec. 3^s fl. 0.5^s, ec. 7^s Cp. 200	52	10	White iron framework structure, black bands; 36.	
	MERSA TOBRUK (TOBRUCH):						
34630 *E 6220*	— **Punta Tobruk** **U.**	32 05 23 59	**Gp. Fl. W. (3)** period 15^s fl. 0.5^s, ec. 2^s fl. 0.5^s, ec. 2^s fl. 0.5^s, ec. 9.5^s	175	14	Iron framework tower on square black and white checked house.	
34640 *E 6221*	— Beacon	32 05 23 59	**F. R**	175	2	Black framework tower on roof of building.	Visible 283°–36°.
34650 *E 6222*	— Head of mole	32 05 23 59	**F. G**	......	3	......	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			LIBYA				
34660 *E 6234*	Ras el Tin .... **U.**	N. E. 32 38 23 07	**Fl. W** .... period 5^s fl. 0.5^s, ec. 4.5^s Cp. 2,900	110	10	Black iron framework truncated pyramidal structure; 22.	
34670 *E 6236*	DERNA: — Ras Bu Azza	32 46 22 39	**Fl. W** .... period 1.5^s	92	11	White cylindrical masonry tower on square dwelling; 37.	
34680 *E 6238*	— Head of N. mole........ **U.**	....	**F. G**............. Cp. under 100	34	4	Black iron framework structure; 23.	
34690 *E 6242*	**Ras el Hilal** .... **U.**	32 55 22 11	**Gp. Fl. W. (3)**...... period 17.5^s fl. 0.5^s, ec. 3^s fl. 0.5^s, ec. 3^s fl. 0.5^s, ec. 10^s Cp. 200	72	10	Black and white checkered pyramid; 39.	Obscured on bearings less than 100°. Reported Gp. Fl. (3) every 10^s fl. 1^s, ec. 1^s, fl. 1^s ec. 1^s, fl. 1^s ec. 5^s (1959).
34710 *E 6244*	Apollonia .... **U.**	32 54 21 58	**Fl. W** .... period 6^s fl. 1^s, ec. 5^s Cp. 300	82	11	White concrete pyramidal tower; 23.	
34720 *E 6246*	**Ras Aamer (Ras Sem)** ...... **U.**	32 56 21 42	**Gp. Fl. W. (2)**...... period 6^s fl. 0.5^s, ec. 1.0^s fl. 0.5^s, ec. 4.0^s Cp. 300	95	11	White concrete pyramidal tower with black bands; 36.	
34730 *E 6248*	**Talemaide,** summit of point .	32 43 20 56	**Gp. Fl. W. (3)**...... period 10^s fl. 1^s, ec. 1^s fl. 1^s, ec. 1^s fl. 1^s, ec. 5^s Cp. 400	55	11	White concrete pyramidal tower; 23.	Reserve light of low power, F. W. F. and Fl. R. obstruction lights exist 19.7 miles 233°.
34740 *E 6250*	**Sidi Sueicher**	32 20 20 17	**Gp. Fl. W. (4)** ...... period 15^s fl. 0.5^s, ec. 1^s fl. 0.5^s, ec. 1^s fl. 0.5^s, ec. 1^s fl. 0.5^s, ec. 10^s Cp. 1,300	70	13	White masonry building with square tower; 50.	
34750 *E 6252*	BENGASI: — About 0.8 mile 49° 30′ from Italia Mole Light.	32 07 20 04	**Fl. W** .... period 3^s fl. 0.5^s, ec. 2.5^s Cp. 1,200	133	17	Tower; 73..............	Masts showing F. and Fl. R. lights exist 1.35 mile 130° 30′ and 2.25 mile 197°.
34760 *E 6258*	— Head of Italia Mole, N. side of harbor. **U.**	32 07 20 03	**Fl. R** .... period 4^s fl. 1^s, ec. 3^s	26	.....	....	
34770 *E 6256*	— Head of S. breakwater...	....	**Fl. G** .... period 4^s fl. 1^s, ec. 3^s Cp. under 100	32	4	Iron skeleton structure; 20.	
34780 *E 6268*	**Port Sirte**	31 13 16 36	**Fl. W** .... period 5^s fl. 1^s, ec. 4^s Cp. 500	105	14	Red iron skeleton structure on square hut, black and white checkers.	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			LIBYA				
34790 *E 6274*	**Raz Zorug,** at Mistura Anchorage.	N. E. 32 22 15 13	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 500	79	8	White iron framework structure on square tower, black and white stripes; 28.	F. and Fl. R. obstruction lights exist 7.6 miles 285°.
34800 *E 6280*	**El Galab**	32 30 14 34	**Fl. W** period 3^s fl. 0.5^s, ec. 2.5^s Cp. 200	114	10	Iron skeleton structure, on hut with black and white stripes; 16.	F. and Fl. R. obstruction lights on mast 150° about 0.7 miles.
34810 *E 6284*	KHOMS: — N. part of town	32 40 14 16	**Gp. Fl. W. (3)** period 10^s fl. 1^s, ec. 2^s fl. 1^s, ec. 6^s	85	12	White cylindrical tower; 61.	F. and Fl. R. obstruction lights about 1.5 miles SW.
34820 *E 6288*	**Ras el Hallab**	32 48 13 48	**Gp. Fl. W. (3)** period 15^s fl. 0.5^s, ec. 2^s fl. 0.5^s, ec. 2^s fl. 0.5^s, ec. 9.5^s Cp. 600	115	12	Iron framework structure on white circular tower; 71.	
34830 *E 6290*	Ras Tajura	32 54 13 24	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 500	78	10	Black and white checkered square masonry tower; 24.	Obscured 97°–109°.
34832 *E 6291*	Tagiura Anchorage Range, front.	32 54 13 22	**Fl. W**	42	....	....	F. W. light 1.2 miles W.
34832.1 *E 6291.5*	— Rear, 0.5 mile 135° from front.	....	**Fl. W**	75	....	....	
34840 *E 6294*	TRIPOLI: — **Spanish Fort,** N. root of Spanish Mole.	32 54 13 11	**Gp. Fl. W. (2)** period 10^s fl. 1^s, ec. 1^s fl. 1^s, ec. 7^s Cp. 700	116	16	Black steel tower, white bands; 88.	F. and Fl. R. obstruction lights exist as follows: 244° 6 miles, 187° 13.4 miles, 175° 0.8 mile.
34850 *E 6310*	— NE. extremity of reef, about 1.2 miles 59° 30′ from Spanish Fort Light.	32 55 13 12	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 300	49	3	Black iron skeleton structure; 47.	
34860 *E 6296*	— Approach Range, front	32 54 13 12	**F. R** Cp. 100	45	3	Black and white checkered building.	
34860.1 *E 6296.1*	— — Rear, 120 yards, 173° from front.	....	**F. R** Cp. 100	96	3	Black and white checkered disk, iron column on building; 46.	Range lights.
34870 *E 6298*	— Entrance Range, front	32 54 13 11	**F. R** Cp. 100	42	3	Iron column	
34870.1 *E 6298.1*	— — Rear, on clock tower 236°, 140 yards from front.	....	**F. R** Cp. 100	94	3	Clock tower	Range lights.
34880 *E 6312*	— Near SW. extremity of Kaliyusha Reef.	32 55 13 13	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 300	49	3	Red iron skeleton structure; 47.	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LIBYA						
	TRIPOLI:	N. E.					
34890 *E 6292*	— AVIATION LIGHT	32 54 13 17	**Alt. Gp. Fl. (3)—W. G.** period 10^{s} 2 W. fl., 1 G. fl.	135	.....	White tower	F. and Fl. R. obstruction light, about 6 miles, W.
34900 *E 6306*	— Head of Spanish Mole	32 54 13 12	**Fl. W** period 10^{s} fl. 1^{s}, ec. 9^{s}	34	4	Iron framework structure on square hut; 5.	*Reported Irregular August 1955.*
34910	— Tug jetty, head	32 54 13 11	**F.—G. R.** (horiz.) Cp. under 100	......	.....	....	
34920	— Repair jetty, head	....	**F. G**	......	.....	....	
34930	— Ruined jetty, head	....	**F. G**	......	.....	....	
34940 *E 6318*	Marsa Zouaga	32 49 12 26	**Occ. W** period 2^{s} lt. 1^{s}, ec. 1^{s}	65	13	Red iron structure on white square masonry hut, black band; 17.	
34950	*Chemmasc (Ras Makhabez) Lighted Buoy.*	33 08 11 42	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. under 100	11	7	Red buoy	
	TUNISIA						
34960	*Zira Spit Lighted Buoy,* 2 miles NE. of spit.	33 28 11 23	**Occ. W** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 500	23	12	Buoy, black and white bands, topmark of 2 cones, points up.	
34970 *E 6328*	**Zarzis,** near custom house	33 30 11 07	**Gp. Fl. W. (2)** period 9^{s} fl. 1.5^{s}, ec. 1.5^{s} fl. 1.5^{s}, ec. 4.5^{s} Cp. 500	50	12	White octagonal tower, upper part black; 47.	Visible 180°–90°.
34980 *E 6330*	— Aghir (Arghir), SE. side of island.	33 45 11 01	**Fl. W** period 1.5^{s} Cp. 500	22	12	Rough masonry platform; 17.	Visible 258°–10°.
34990 *E 6332*	— **Ras Turgeuness (Tourgoeness),** E. side of island.	33 49 11 03	**Fl. W** period 5^{s} fl. 0.3^{s}, ec. 4.7^{s} Cp. 50,000	210	21	White cylindrical tower, red bands, dwelling; 160.	
	JERBA (DJERBA) ISLAND:						
35000	— *Djerba Lighted Buoy,* 4 miles N. of Humt Suk.	33 57 10 49	**Occ. W** period 6^{s} lt. 3^{s}, ec. 3^{s} Cp. 500	14	12	Buoy, black and white stripes, X topmark, "DJERBA" on side.	**Radar reflector.**
35010 *E 6334*	— Djerba (Houmt Souk), on wharf.	33 53 10 51	**Gp. Occ. W. (2)** period 9^{s} lt. 4.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} Cp. 500	30	10	Red and white pylon on yellow dwelling; 28.	
35020 *E 6338*	— **Burj Jilij (Bordj Djellidj)** NW. point of island.	33 53 10 45	**Fl. R** period 5^{s} fl. 0.3^{s}, ec. 4.7^{s} Cp. 1,000	52	12	White octagonal tower, upper part black; 38.	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TUNISIA						
	— Adjim:	N. E.					
35030 *E 6344*	— — N. side of W. channel entrance.	33 42 10 36	**Gp. Fl. W. (2)** ...... period 9^{s} fl. 1.5^{s}, ec. 1.5^{s} fl. 1.5^{s}, ec. 4.5^{s} Cp. 500	15	9	Tank on pylon; 16	Visible 340°–250°.
35050 *E 6342*	— — Entrance to dredged channel, Beacon No. 2.	33 43 10 45	**Occ. R** .... period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. under 100	18	3	Red tank, masonry base ...	
35060	— — Entrance to dredged channel, Beacon No. 1.	....	**Occ. G** .... period 4^{s} lt. 2^{s}, ec. 2^{s}	14	2	Red tank on masonry tower.	
35070	— — Bend of dredged channel, Beacon No. 4.	33 43 10 45	**Occ. R** .... period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 6	18	3	Red tank masonry base	
35080	— — Bend of dredged channel, Beacon No. 3.	....	**Fl. G** .... period 6^{s} fl. 1.5^{s}, ec. 4.5^{s}	14	2	Red tank, masonry base ...	
35090	— — 0.15 mile 245° from Humt Adjim light.	....	**F. W** .... Cp. 40	11	6	White lantern on pole; 7...	Obscured 15°–285°.
	GABES:						
35110 *E 6348*	— S. side of river entrance.	33 54 10 07	**Gp. Occ. W. (3)** .... period 12^{s} lt. 4^{s}, ec. 1^{s} lt. 4^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} Cp. 2,000	44	12	White tower, black top; 36.	Visible 124°–304°.
35120 *E 6352*	— Head of N. jetty	....	**F. G** .... Cp. under 100	16	3	Iron structure; 13	Visible 108°–18°.
35130 *E 6350*	— Head of S. jetty	....	**F. R** .... Cp. under 100	16	9	Iron structure; 13	Visible 45°–315°.
35140 *E 6354*	Cekhira (Skira) Surkenis Bay, near customhouse.	34 17 10 06	**Occ. W** .... period 6^{s}	71	12	White square tower on building; 33.	Visible 177°–87°.
35150 *E 6356*	**Ras Thyna (Tina),** on hill 1.5 miles 285° from point, N. side of Gulf of Gabes.	34 39 10 41	**Gp. Fl. W. (2)** ...... period 10^{s} fl. 0.3^{s}, ec. 2.2^{s} fl. 0.3^{s}, ec. 7.2^{s} Cp. 5,000	182	18	White cylindrical tower, red bands; 144.	
	SFAX:						
35160	— *Entrance N. Lighted Buoy.*	34 41 10 49	**Occ. G** .... period 6^{s} lt. 3^{s}, ec. 3^{s} Cp. 60	14	7	Buoy, black and white checks, black cone topmark, marked SFAX NORD.	The dredged channel is marked by lighted buoys and beacons showing F. G. lights on the NE. side and F. R. lights on the SW. side.
35170	— *Lighted Buoy,* S. side of dredged entrance channel.	34 42 10 48	**Occ. R** .... period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 100	14	8	Red buoy, cylindrical topmark, marked SFAX SUD.	**Radar reflector.**

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			TUNISIA				
		N. E.					
	SFAX:						
35180 *E 6364*	— Edge of quay, in axis of channel.	34 44 10 46	**Gp. Occ. W. (2)** .... period 8^{s} lt. 4.5^{s}, ec. 1.0^{s} fl. 1.5^{s}, ec. 1.0^{s} Cp. 3,000	58	13	Iron skeleton structure on sentry box, lower part gray, middle part white, upper part black; 55.	Intensified 319°–325°.
35184 *E 6366.4*	Balise d'El Kantara, W. extremity of Ile Sherki.	34 41 11 07	**Fl. W** .... period 6^{s} fl. 1.5^{s}, ec. 4.5^{s} Cp. 500	18	9	Red tank on metal platform; 18.	Visible 60°–240°.
35187 *E 6366.6*	— Balise de Ras Djlija; N. extremity of Ile Sherki.	34 50 11 15	**Fl. W** .... period 1.5^{s} Cp. 500	33	11	Tank on concrete base; upperpart white; black below; 28.	**Radiobeacon:** about 6 miles 155°.
	KERKENAH BANK:						
35190 *E 6366*	— Borj el Azker, 6.5 miles SE. of Ras Sidi Mansour.	34 44 10 58	**Gp. Fl. R. (2)** ...... period 9^{s} fl. 1.5^{s}, ec. 1.5^{s} fl. 1.5^{s}, ec. 4.5^{s} Cp. 100	16	8	Red gas tank on tripod; 16.	
35200	— *Lighted Buoy No. 8*	34 27 10 56	**Gp. Fl. W. (3)** ..... period 12^{s} fl. 1^{s}, ec. 1.5^{s} fl. 1^{s}, ec. 1.5^{s} fl. 1^{s}, ec. 6^{s} Cp. 500	14	8	Buoy, red and white diagonal stripes, cross topmark, 2 bars.	**Radar reflector.**
35210	— *Lighted Buoy No. 7, SE.* of Ghardia Island.	34 33 11 09	**Gp. Occ. R. (2)** .... period 9^{s} lt. 4.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} Cp. 100	14	8	Red buoy, white band, topmark of 2 cones, points up.	
35220	— *Lighted Buoy No. 6,* S. side of bank.	34 37 11 24	**Gp. Fl. R. (2)** ...... period 9^{s} fl. 1.5^{s}, ec. 1.5^{s} fl. 1.5^{s}, ec. 4.5^{s} Cp. 100	14	8	Red conical buoy, white band, topmark of 2 cones, points up.	
35230	— *Lighted Buoy No. 5, off* SE. edge of bank.	34 42 11 38	**Fl. R** .... period 1.5^{s} fl. 0.5^{s}, ec. 1^{s} Cp. 100	14	8	Red and white conical buoy, topmark of 2 cones, base to base.	**Radar reflector.**
35240	— *Lighted Buoy No. 4,* off E. edge of bank.	34 53 11 47	**Occ. W** .... period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 500	25	10	Red and white conical buoy, topmark of 2 cones, base to base.	**Radar reflector.**
35250	— *Lighted Buoy No. 3,* off E. side of bank.	34 59 11 43	**Gp. Fl. R. (3)** ...... period 12^{s} fl. 1.0^{s}, ec. 1.5^{s} fl. 1.0^{s}, ec. 1.5^{s} fl. 1.0^{s}, ec. 6.0^{s} Cp. 100	14	8	Red and white conical buoy, topmark of 2 cones, base to base.	
35260	— *Lighted Buoy No. 2,* off NE. edge of bank.	35 02 11 38	**Fl. R** .... period 1.5^{s} fl. 0.5^{s} ec. 1^{s} Cp. 100	14	8	Red and white conical buoy, topmark of 2 cones, base to base.	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TUNISIA						
	KERKENAH BANK:	N. E.					
35270	— *Lighted Buoy No. 1*, off N. edge of bank.	35 06 11 33	**Gp. Fl. W. (3)** . . . . . . period 12^s fl. 1^s, ec. 1.5^s fl. 1^s, ec. 1.5^s fl 1^s, ec. 6.0^s Cp. 500	25	10	Buoy, white and black diagonal bands, topmark of 2 horizontal bars.	**Radar reflector.**
35280	— *Lighted Buoy No. 0*, middle of N. entrance to Kerkenah Channel.	35 04 11 16	**Occ. W** . . . . period 6^s lt. 4.5^s, ec. 1.5^s Cp. 500	14	8	Black buoy, conical topmark.	**Radar reflector.**
35290	Ras Kapudia (La Chebba), on Khadidja.	35 14 11 09	**Gp. Fl. (2)—W. R** . . period 9^s fl. 1.5^s, ec. 1.5^s fl. 1.5^s, ec. 4.5^s Cp. W. 500 R. 100	92	W. 13 R. 8	Tower; 59	W. 135°–325°, R.–135°.
35300 *E 6370*	**Mahdia**, on Sidi Jabber (Cape Africa).	35 30 11 05	**Fl. R** . . . . period 5^s fl. 0.3^s, ec. 4.7^s Cp. 26,000	86	15	White hexagonal tower, red top, on dwelling; 41.	Obscured 67°–115°.
35310 *E 6372*	— Head of breakwater	. . . .	**F. G** . . . . Cp. under 100	13	5	Green iron column	Visible from 207° to 100°.
35320 *E 6380*	**Kuriat Island (Ile Hauriat)**, summit.	35 48 11 02	**Gp. Occ. (3)—W. R** . period 12^s lt. 4^s, ec. 1^s lt. 4^s, ec. 1^s lt. 1^s, ec. 1^s Cp. W. 45,000 R. 9,000	98	16	White square tower, red top on white base; 85.	R. 348°–53°, W.–348°.
35340 *E 6374*	Monastir, Burj el Kelb, S. of town.	35 46 10 50	**F. R** . . . . Cp. 240	29	10	Minaret with black bands on east and south face; 20.	Visible 197°–355°.
	SUSA (SOUSSE):						
35350 *E 6384*	— Outer Jetty, head of jetty.	35 50 10 39	**Occ.—W. R** . . . . period 4^s lt. 3^s, ec. 1^s Cp. W. 800 R. 160	30	W. 10 R. 9	Red pylon on white base; 19.	W. 180°–45°, obscured–135°, R.–180°. Reserve light, F.,—W., R., of low power.
35360 *E 6382*	— **Susa (Sousse)**, Kasbah Tower.	35 49 10 38	**Fl. W** . . . . period 4^s fl. 0.3^s, ec. 3.7^s Cp. 200,000	230	22	White square tower; 72	
35370 *E 6385*	— On jetty, N. side of inner harbor, 0.64 mile 67° from Kasbah Tower. **U.**	35 49 10 40	**Occ. G** . . . . period 4^s lt. 2^s, ec. 2^s Cp. 100	29	8	Green truncated tower; 21 .	Visible 258°–112°.
35380 *E 6385.5*	— Head of S. jetty . . . . **U.**	. . . .	**Gp. Occ. R. (2)** . . . . period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 160	29	9	Red truncated tower; 21 . . .	Visible 79°–277°.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			TUNISIA				
35390 *E 6386*	Hammamet, SE. side of castle.	N. E. 36 24 10 37	**Gp.Occ. (3)—W. R** . period 12^{s} lt. 4^{s}, ec. 1^{s} lt. 4^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} Cp. W. 1,200 R. 240	52	W. 12 R. 10	Pylon on tower of castle; 46.	W. 255°–100°, R.–165°.
35410 *E 6390*	**Kelibia,** E. bastion of Kelibia Fort.	36 50 11 08	**Gp. Fl. W. (4)** ...... period 20^{s} fl. 0.3^{s}, ec. 2.2^{s} fl. 0.3^{s}, ec. 2.2^{s} fl. 0.3^{s}, ec. 2.2^{s} fl. 0.3^{s}, ec. 12.2^{s} Cp. 260,000	269	22	White platform, black lantern; 59.	Reserve light same characteristics.
35420 *E 6391*	— Breakwater	36 50 11 07	**Occ. G** .... period 6^{s} lt. 3^{s}, ec. 3^{s} Cp. under 100	24	5	White cylindrical tower, black lantern; 18.	
35430 *E 6392*	**Cap Bon,** summit	37 05 11 03	**Gp. Fl. W. (3)** ...... period 20^{s} fl. 0.2^{s}, ec. 3.8^{s} fl. 0.2^{s}, ec. 3.8^{s} fl. 0.2^{s}, ec. 11.8^{s} Cp. 5,000,000	412	27	White cylindrical tower, red stripes on upper part; 66.	Visible 68°–310°, except when obscured by Zembra Island 100°–108°. **Radiobeacon.**
35440 *E 6394*	GULF OF TUNIS: — **Zembretta Islet,** E. entrance to gulf. **U.**	37 06 10 53	**Occ. W** .... period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 2200	180	15	White cylindrical tower, lantern and lower part black; 26.	Obscured by Zembra Island 99°–124°. *Reported F. W. April 1958.*
35458	— La Goulette: — — *Entrance Lighted Buoy No. 1,* about 2.24 miles 107° from head of N. jetty.	36 48 10 22	**Fl. W** .... period 1.5^{s} Cp. 500	14	8	Black and white striped cylindrical buoy; cross topmark.	**Radar reflector.**
35480 *E 6396*	— — Head of N. jetty	36 48 10 19	**Gp. Fl. W. (3)** ...... period 12^{s} fl. 1^{s}, ec. 1.5^{s} fl. 1^{s}, ec. 1.5^{s} fl. 1^{s}, ec. 6^{s} Cp. 2,000	41	12	Gray pylon, upper part green, numbered "7"; 32.	Visible 215°–35°, and 90°–121°. Reserve light F. W.
35490 *E 6400*	— — 333 yards 286° from breakwater light.	....	**Occ. G** .... period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 150	28	9	Green truncated conical tower, numbered "9"; 21.	Visible 289°–145°.
35500 *E 6402*	— — Head of S. jetty spur.	....	**Gp. Occ. R. (2)** .... period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s}	28	8	Red truncated conical tower numbered "8"; 39.	Visible 87°–301°.
35510 *E 6406*	— — Directional Light, N. side of channel, W. of Goulette Basin.	36 49 10 18	**Fl. G** .... period 1.5^{s} Cp. 5,000	40	11	White cylindrical tower, red bands and lantern; 35.	Intensified 298° 30′–301° 30′.
35520 *E 6407*	— — Directional Light, close W. of N. basin.	36 49 10 18	**Fl. G** .... period 1.5^{s} Cp. 8,750	37	11	Gray pylon; 33	Intensified 74°–82°.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TUNISIA						
	GULF OF TUNIS: — La Goulette:	N. E.					
35530 *E 6410*	— Tunis, head of the basin.	36 48 10 12	**Occ. R** .... period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 14,000	37	11	Red dwelling; 33.........	Intensified 2° either side of axis between 256°–260°.
35540 *E 6412*	**Cap Carthage,** summit, SE. side of gulf.	36 52 10 21	**Fl. W** .... period 5^{s} fl. 0.3^{s}, ec. 4.7^{s} Cp. 250,000	479	29	White cylindrical tower, black top and lantern; 39.	Reserve light of low power F. W. Signal station.
35550	**Tunis El Aouina** AVIATION LIGHT.	36 51 10 15	**Gp. Fl. W. (2)** ...... period 4^{s}	79	22	Pylon on control tower; 62.	Morse letter "I".
35560 *E 6414*	**Ile Plane (El Kamela),** NW. side of the gulf.	37 11 10 20	**Occ. W. R** .... period 6^{s} lt. 4^{s}, ec. 2^{s} Cp. W. 2,000 R. 4,000	65	13	White square tower, red bands, white rectangular base, red lantern; 39.	R. 67°–107°, W.–67°.
35570 *E 6416*	**Cani Rocks (Iles Cani),** summit of highest rock.	37 21 10 07	**Gp. Fl. W. (2)** ...... period 10^{s} fl. 0.3^{s}, ec. 2.2^{s} fl. 0.3^{s}, ec. 7.2^{s} Cp. 500,000	129	17	White cylindrical tower, black bands on white building; 70.	
	BIZERTE:						
35580 *E 6420*	— SE. head of outer breakwater.	37 17 9 54	**Gp. Fl. G. (2)** ...... period 10^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 6^{s} Cp. 190	47	8	White tetrapodial structure, upper part black; 26.	
35590 *E 6424*	— Outer breakwater, 218 yards from W. end. **U.**	....	**F. W** .... Cp. 60	13	3	White niche in wall	Visible 51°–59°.
35600 *E 6422*	— NW. head of detached breakwater.	....	**F. R** .... Cp. 100	49	8	Red conical tower; 26	
35610 *E 6426*	— Head of N. jetty	....	**F. G** .... Cp. 15	49	4	Green conical tower; 26 ...	Visible 130°–92°.
35620 *E 6428*	— Head of E. jetty	....	**Gp. Occ. R. (4)** ..... period 12^{s} lt. 5^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} Cp. 1,200	79	14	Red tower; 56	
35630 *E 6432*	— Head of mole, N. of entrance to canal.	37 17 9 53	**Gp. Occ. G. (3)** .... period 12^{s} lt. 1.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 150	18	9	Pylon on green cylindrical structure; 15.	Visible 189°–57°.
35640 *E 6434*	— S. of entrance to canal ..	37 16 9 53	**Gp. Occ. R. (2)** .... period 9^{s} lt. 4.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} Cp. 100	18	8	Pylon on red cylindrical structure; 15.	Visible 55°–310°.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

TUNISIA

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BIZERTE:	N. E.					
35650 *E 6436*	— Inner end of canal, edge of N. quay.	37 16 9 52	**Occ. —W. G** .... period 4^s lt. 2^s, ec. 2^s Cp. W. 1,200 G. 150	18	9	Pylon on green cylindrical structure; 15.	G. 234°–24°, W.–36°, G.–77°, obscured elsewhere. May be obscured by vessels at quay.
35660 *E 6438*	— — Edge of S. quay	....	**Gp. Occ. (2)—R. W.** period 9^s lt. 4.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s Cp. W. 500 R. 100	18	9	Pylon on red cylindrical structure; 15.	R. 30°–68°, W.–80°, R.–234°.
35670 *E 6440*	— Sebra Point, in prolongation of axis of canal.	....	**F.—W. R. G** .... Cp. W. 500 R. 100 G. 60	52	W. 12 R. 8 G. 7	White tower, upper part black and white stripes; 49.	G. 134°–234°, W.–235°, R.–355°, obscured elsewhere. The Gullet of Lake Bizerte is marked by various lighted buoys.
	PORT SIDI ABDALLAH:						
35680 *E 6444*	— Point du Caid, SW. side of Bizerte Lake.	37 10 9 49	**F. —W. R**	69	4	White tower; 65	*Occasional.* R. 184°–204°, W.–274°. Obscured elsewhere. Limits of sectors not well defined.
35690 *E 6446*	— Entrance Range, front ...	37 09 9 49	**F. R**	......	2	Pylon	Visible 5° each side of axis.
35690.1 *E 6448*	— — Rear, electric works, SE. angle, about 420 yards 235° from front.	....	**F. R**	......	2	Chimney of building	Visible 5° each side of axis.
35700 *E 6450*	— E. mole	37 10 9 49	**F. R**	......	.....	....	
35710 *E 6452*	— N. mole	....	**F. G**	......	.....	....	
35720 *E 6456*	**Ras Enghela**, W. side of point.	37 21 9 45	**Fl. —W. R** .... period 2.5^s fl. 0.5^s, ec. 2^s Cp. W. 18,000 R. 3,500	123	17	Black square tower white band on dwelling; 49.	R. from coast west of light to 85°. **Radiobeacon:** on Cap Blanc semaphore station.
35730 *E 6458*	**Cap Serrat**, NE. summit of cape.	37 14 9 13	**Gp. Fl. (2) —W. R** . period 10^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 7.2^s Cp. W. 500,000 R. 100,000	653	W. 30 R. 27	Black tower, white band, on yellow dwelling; 43.	W. 261°–238°, R.–261°. Semaphore station.
35740	*Lighted Whistle Buoy,* Ecueils des Sorelles.	37 24 8 36	**Gp. Fl. W. (2)** ...... period 9^s fl. 1.5^s, ec. 1.5^s fl. 1.5^s, ec. 4.5^s Cp. 500	25	10	Cylindrical buoy, white with black top, topmark two cones points together.	

TUNISIA

No.	Name and location	Position lat. long. ° '	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
35750 *E 6464*	**Galitons de l'Ouest,** on summit of Galitone Island. NW. of Cape Serrat.	N. E. 37 30 8 53	**Gp. Fl. W. (4)**...... period 20^s fl. 0.4^s, ec. 2.9^s fl. 0.4^s, ec. 2.9^s fl. 0.4^s, ec. 2.9^s fl. 0.4^s, ec. 9.7^s Cp. 163,000	551	28	Black tower on gray building; 46.	Obscured 227°–250°.
E 6466	— Auxiliary light	....	**F. R**.............. Cp. 24,000	524	22	Hut at base of main light tower; 20.	Visible 64°–69°.
35760 *E 6460*	**Ile de Tabarka,** ruins of castle.	36 58 8 46	**Occ. W**............ period 5^s lt. 3.5^s, ec. 1.5^s Cp. 5,000	236	18	White tower on brick base; 26.	
35770	— On landing .... **U.**	36 57 8 45	**F. R**.............. Cp. 4	26	2	Iron column, shed; 20.....	Visible 126°–254°.

ALGERIA (F.)

No.	Name and location	Position lat. long. ° '	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
35780 *E 6482*	**Port de la Calle,** E. side of entrance.	36 54 8 27	**F. R**.............. Cp. 120	54	9	White cylindrical tower, dwelling; 24.	
35790 *E 6484*	**Cap Rose**	36 57 8 14	**Gp. Fl. W. (2)**...... period 9^s fl. 1.5^s, ec. 1.5^s fl. 1.5^s, ec. 4.5^s Cp. 30,000	418	23	White cylindrical tower, black top on piling; 43.	Provisional (1956). Gp. Fl. W. (2) 9^s.
35800 *E 6484.2*	Bones-les-Salines, AVIATION LIGHT about 9 miles SW. of Cap de Garde.	36 49 7 49	**Gp. Fl. W. (4)** ...... period 7^s	34	11	Control tower; 25	Morse letter "B". *Occasional.*
	BONE:						
35810 *E 6486*	— Lion Jetty, head of outer mole.	36 54 7 47	**Gp. Occ. G. (3)** ..... period 12^s lt. 4.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s	62	11	White iron turret top green; 56.	
35820 *E 6490*	— Head of S. jetty .... **U.**	....	**Gp. Occ. R. (2)** .... period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 400	49	12	White iron turret red top: 43.	
35830 *E 6492*	— Babayaus Jetty, N. side of entrance to Grand Basin.	....	**F. G**..............	26	2	Pylon on hut............	
35840 *E 6494*	— — S. side of entrance to Grand Basin.	....	**F. R**..............	26	2	Pylon on hut............	
35850 *E 6496*	— NE. angle of Cigogne Mole.	....	**F. G**..............	26	2	Iron column, hut..........	Visible 210°–65°.
35860 *E 6500*	— N. side of entrance to Little Basin.	....	**F. G**..............	26	2	....	

ALGERIA (F.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
35880 *E 6504*	— Fort Genois	N. E. 36 57 7 47	**Gp. Occ. W. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} Cp. 1,200	197	14	White masonry building; 23.	
35890 *E 6506*	Cap de Garde, NW. side of Gulf of Bone.	36 58 7 47	**Fl. W** period 5^{s} fl. 0.4^{s}, ec. 4.6^{s} Cp. 250,000	469	29	White square tower in front of square building; 46.	**Radiobeacon.** Signal station.
35892	Roche Axin (Akcine)	37 03 7 31	**Occ. W** period 1.5^{s} lt. 1^{s}, ec. 0.5^{s} Cp. 500	49	12	Black octagonal tower, white band.	Visible 54°–324°.
	TAKOLISH (TOUKOUSH) HERBILLON BAY:						
35900 *E 6510*	— N. side of entrance	37 04 7 24	**Occ.,—W., R** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. W. 1,000 R. 200	420	W. 15 R. 10	White masonry tower; 39	W. 146°–278°, R.–290°, W.–326°, obscured elsewhere.
35910 *E 6512*	— Head of E. jetty	....	**F. G**	26	2	....	
35920 *E 6514*	— Head of W. jetty	....	**F. R**	......	.....	....	
	GOLFE DE PHILIPPEVILLE:						
35930 *E 6516*	— **Cap de Fer,** NE. point of gulf.	37 05 7 10	**Gp. Fl. W. (3)** period 15^{s} fl. 0.4^{s}, ec. 2.6^{s} fl. 0.4^{s}, ec. 2.6^{s} fl. 0.4^{s}, ec. 8.6^{s} Cp. 90,000	215	21	White cylindrical tower, dwelling; 57.	
35940 *E 6518*	— El Mersa (La Marsa), E. side of Golfe de Philippeville.	37 02 7 15	**F. W** Cp. 20	20	4	White building; 5	
	— Philippeville:						
35950 *E 6522*	— — Head of N. breakwater. **U.**	36 54 6 54	**Gp. Occ. (2)—W. R.** period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} Cp. W. 3,500 R. 700	69	14	Masonry tower; 45	W. 169°–297°, R.–169°.
35960 *E 6526*	— — S. side entrance to Avant Port, head of Chateau-Vert Jetty. **U.**	....	**F. G** Cp. 90	33	8	Cylindrical iron turret; 27 .	Visible 115°–25°.
35970 *E 6524*	— — N. side entrance to Avant Port. **U.**	....	**F. R** Cp. 150	34	9	Gray cylindrical iron turret; 27.	Visible 297°–125°.
35980 *E 6526*	— — Inner port, S. side of entrance.	....	**F. G**	......	.....	Lamppost	
35990 *E 6526*	— — — On spur, N. side of entrance.	36 53 6 55	**F. R**	......	.....	Lamppost	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ALGERIA (F.)						
	GOLFE DE PHILIPPEVILLE: — Philippeville:	N. E.					
36000 *E 6532*	— Stora, head of jetty about 0.2 mile 255° from Singes Islet Light.	36 54 6 53	**F.—G**	18	2	Lamppost; 10	
36010 *E 6530*	— Ilot des Singes, W. side of gulf.	36 54 6 53	**Occ. W. G** period 4^s lt. 2^s, ec. 2^s Cp. W. 1,200 G. 150	55	W. 12 G. 9	Pyramidal tower near house; 29.	G. 142°–211°, W.–21°, G.–52°, obscured elsewhere.
36020 *E 6534*	— **Srigina Island,** W. side of gulf.	36 56 6 53	**Fl. R** period 5^s fl. 0.6^s, ec. 4.4^s Cp. 6,000	176	18	Square white tower, dwelling; 38.	Obscured by Point Esrah when bearing less than 122°.
36032 *E 6538*	— Head of jetty	....	**F. G** Cp. 60	43	10	White column; 26	
36040 *E 6540*	**Point Jerba (Point Djerda)**	37 01 6 35	**Fl. G** period 5^s fl. 0.6^s, ec. 4.4^s Cp. 2,000	85	10	White octagonal tower, dwelling; 37.	
36050 *E 6542*	**Cap Bougaroni,** N. point of cape.	37 05 6 28	**Gp. Fl. W. (2)** period 10^s fl. 0.4^s, ec. 2.1^s fl. 0.4^s, ec. 7.1^s Cp. 250,000	298	24	White tower, dwelling; 34	Visible 87°–280°. Semaphore station.
36060 *E 6544*	Rad el Moghreb	37 01 6 16	**F. R** Cp. 40	178	6	Cylindrical tower on white house; 23.	*Extinguished (Oct. 1957).*
36070 *E 6546*	Mersa Zeitun, S. side, Casabianca Cove.	36 58 6 16	**F. W** Cp. 20	36	4	Facade of white building; 5.	*Extinguished (June 1957).*
	DJIDJELLI:						
36080 *E 6550*	— **Djidjelli (Jidjelli),** on E. end of N. breakwater.	36 50 5 47	**Gp. Occ. W. (3)** period 12^s lt. 4^s, ec. 1^s lt. 4^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 3,500	61	13	White square tower on dwelling; 37.	Obscured by the heights of Picouleau when bearing less than 94°.
36090 *E 6554*	— S. head of N. breakwater extension.	....	**Occ. G** period 4^s lt. 2^s, ec. 2^s	25	6	Black column; 12	
36100 *E 6552*	— Head of S. breakwater	....	**F. R**	25	5	Red column; 12	
36110	— Head of small jetty, N. side of harbor.	....	**F. G**	......	5	Iron lamppost	Maintained by local authorities.
36120	— Head of S. jetty	....	**F. R**	......	5	Iron lamppost	Maintained by local authorities.
36130 *E 6558*	**Ras Afia,** on Point Kerifatz	36 49 5 42	**Fl. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 600,000	140	18	White and red octagonal tower; 47.	
E 6560	— Auxiliary light	....	**F. R** Cp. 16	90	5	Small white masonry structure; 5.	Visible 124°–154°.

ALGERIA (F.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	BOUGIE:	N. E.					
36160 *E 6568*	— Jetee Sud	36 45 5 06	**Gp.Occ. R** period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 100	28	8	Red column; 21	
36170 *E 6570*	— — Jetee East	....	**Occ. W** period 4^s lt. 3^s, ec. 1^s	32	11	Black tetrapod; 40	
36180 *E 6566*	— — Head of Abd el Kader Jetty.	36 45 5 06	**F. G**	......	.....	Red support	Passage in Ab del Kader Jetty is marked on S. side by a F. R. light. Passage to Anse de Dar Senaa, is marked on N. side by a F. G. light and on S. side by a F. R. light.
36190 *E 6572*	— **Cap Carbon**, W. side of Gulf de Bougie.	36 47 5 06	**Gp. Fl. W. (3)** period 20^s fl. 0.4^s, ec. 3.6^s fl. 0.4^s, ec. 3.6^s fl. 0.4^s, ec. 11.6^s Cp. 200,000	722	29	White cylindrical tower on white house; 33.	Signal station.
36200 *E 6574*	— — Auxiliary light 163 yards 56° from main light, at foot of cliff.	....	**Qk. Fl.—W. R** Cp. W. 1,500 R. 300	105	W. 15 R. 11	White cylindrical turret; 27.	R. 125°–coast westward, W. elsewhere.
36210 *E 6578*	**Cap Sigli**	36 54 4 46	**Fl. W** period 5^s fl. 0.6^s, ec. 4.4^s Cp. 30,000	185	20	White cylindrical masonry tower, dwelling; 83.	
36220 *E 6580*	**Cap Corbelin**	36 55 4 26	**Gp. Occ. (2)—W. R.** period 8^s lt. 4.5^s, ec. 1^s lt. 1.5^s, ec. 1^s Cp. W. 600 R. 120	137	W. 14 R. 9	White cylindrical tower; 44.	R. 97°–coast W. of the cape, W. elsewhere. Signal station.
36230 *E 6582*	Port Gueydon (Azeffun), head of jetty. **U.**	36 54 4 25	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s	21	12	White cylindrical iron tower; 14.	Visible seaward through an arc of 215°. Obscured landward.
36240 *E 6592*	**Cap Bengut**	36 55 3 54	**Gp. Fl. W. (4)** period 25^s fl. 0.2^s, ec. 2.9^s fl. 0.2^s, ec. 2.9^s fl. 0.2^s, ec. 2.9^s fl. 0.2^s, ec. 15.5^s Cp. 5,000,000	208	21	White square tower, house; 95.	
	DELLYS:						
36250 *E 6584*	— Point Dellys **U.**	36 55 3 55	**F. R** Cp. 40	131	6	White turret on square piling; 22.	**Radiobeacon.**
36260 *E 6588*	— Head of breakwater **U.**	....	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 200	25	10	White iron tower; 10	

ALGERIA (F.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
	DELLYS:						
36270 *E 6590*	— NE. angle of S. wharf		**Occ. R** period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 230	25	8	White iron turret; 10	
36280 *E 6594*	**Cap Matifou**	36 49 3 15	**Gp. Fl. W.(3)** period 15^{s} fl. 0.2^{s}, ec. 2.8^{s} fl. 0.2^{s}, ec. 2.8^{s} fl. 0.2^{s}, ec. 8.8^{s} Cp. 400,000	242	22	White square tower, dwelling; 36.	**Radiobeacon.**
36290 *E 6596*	La Perouse, near head of jetty.	36 49 3 14	**F. R**	36	1	Wooden post	
36295 *E 6598*	AVIATION LIGHT about 7 miles S. of Cape Matifou.	36 42 3 14	**Gp. Fl. W. (2)** period 14^{s}	131	17	Control tower	Morse letter "A".
	ALGIERS (ALGER):						
36300	— *Lighted Buoy,* off Jetee **de Mustapha.**	36 46 3 05	**F. G**	14	1	Black buoy, cone topmark	**Radar reflector.**
36310 *E 6619*	— Jetee de Mustapha, head of Transverse Spur.		**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 625	40	11	White metal tower; 28.	Obscured 104°–290°.
36320 *E 6612*	— E. side of S. entrance of Port L'Agha.	36 46 3 04	**F. G** Cp. 50	16	9	Iron tower; 13.	Visible 307°–160°.
36330 *E 6606*	— **Diar es Saada** AVIATION LIGHT.	36 45 3 04	**Gp. Fl. W. (3)** period 5^{s} fl. 0.1^{s}, ec. 0.7^{s} fl. 0.1^{s}, ec. 2.0^{s} fl. 0.1^{s}, ec. 2.0^{s} Cp. 720,000	669	30	Control tower; 98	
36340 *E 6614*	— Grand Mole, W. side of S. entrance of Port L'Agha.	36 46 3 04	**F. — W. R.** Cp. W. 200 R. 40	37	W. 10 R. 6	White cylindrical iron tower; 28.	White 325°–46°, R. –325°.
36350 *E 6620*	— Head of Brise Lames Est.	36 46 3 05	**Occ. R** period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 1,000	40	11	White truncated iron tower; 28.	Visible 5°–312°.
36360 *E 6618*	— Amiral Mouchez Mole, W. side of N. entrance to Port L'Agha.	36 46 3 04	**F. R** Cp. 80	19	8	Metal structure; 13	
36370 *E 6616*	— E. side of N. entrance to Port L'Agha.		**F. G** Cp. 150	16	9	Metal structure; 13	
36380 *E 6680*	— N. head of detached jetty.	36 47 3 04	**Fl. R** period 4^{s} fl. 1^{s}, ec. 3^{s} Cp. 700	30	10	Gray masonry tower; 24	Obscured 14°–59°.
36390 *E 6602*	— **Jetee Watier**	36 47 3 05	**Gp. Fl. W. (2)** period 10^{s} fl. 0.3^{s}, ec. 2.2^{s} fl. 0.3^{s}, ec. 7.2^{s} Cp. 300,000	50	12	White quadrangular tower, green top, "ALGER–JETEE WATIER" on side; 40.	Visible 153°–60°. **Nautophone:** 2 blast every 20^{s}. Synchronized with Radiobeacon at light No. 36400 for distance finding.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			ALGERIA (F.)				
	ALGIERS (ALGER):	N. E.					
36400 *E 6604*	— — S. extremity of spur . .	36 47 3 04	**Fl. G** . . . . period 4^s fl. 1^s, ec. 3^s Cp. 400	30	10	Gray masonry tower; 24	Visible 305° – 133°. **Radiobeacon.**
36410 *E 6624*	**Cap Caxine**	36 49 2 57	**Fl. W** . . . . period 5^s fl. 0.2^s, ec. 4.8^s Cp. 6,000,000	210	21	White square tower, dwelling; 108.	**Radiobeacon.**
36422	Ras Acrata, head of new pier.	36 48 2 54	**F. R**	. . . . . .	. . . . .	. . . .	
36430 *E 6625*	**Chrea** AVIATION LIGHT . . .	36 26 2 53	**Gp. Fl. W. (4)** . . . . . . period 7^s	4921	49	. . . .	
36440	**Blidah** AVIATION LIGHT . .	36 30 2 49	**Gp. Fl. R. (4)** . . . . . . period 16^s	. . . . . .	17	. . . .	Morse letter "B". *Occasional.*
36445	Bou Aroun, E. jetty	36 38 2 40	**F. R** . . . . Cp. 100	33	8	White structure top red, "BOU HAROUN" in white.	
	TIPAZA:						
36450 *E 6626*	— Ras el Kalia . . . . **U.**	36 36 2 27	**Occ. W** . . . . period 4^s lt. 3^s, ec. 1^s Cp. 6,000	105	16	White square tower, dwelling; 36.	
36460 *E 6628*	— N. end of new mole	. . . .	**F. G**	21	2	Iron post; 16	
36470 *E 6632*	— Head of E. jetty. **U.**	. . . . . .	**F. R**	37	3	Gray pylon; 25	
	CHERCHELL:						
36480 *E 6636*	— **Fort (Ilot) Joinville**	36 37 2 11	**Gp. Occ. W. (3)** . . . . period 18^s lt. 9^s, ec. 1^s lt. 3^s, ec. 1^s lt. 3^s, ec. 1^s Cp. 45,000	122	17	Circular stone tower; 79 . .	
36490 *E 6638*	— Head of Joinville Jetty . . **U.**	. . . .	**F. W**	33	10	White iron column; 14	
36500 *E 6640*	— E. head of N. quay . . . . . . **U.**	. . . .	**F. G**	24	6	White iron column; 12	
36510 *E 6642*	— N. head of E. quay . . . . . . **U.**	. . . .	**F. R**	24	7	White iron column; 12	
36520 *E 6646*	**Cap Tenez (Tenes)**	36 33 1 21	**Gp. Fl. W.(2)** . . . . . . period 10^s fl. 0.4^s, ec. 2.1^s fl. 0.4^s, ec. 7.1^s Cp. 250,000	291	24	White square tower, dwelling; 52.	
	TENEZ:						
36530 *E 6652*	— Head of N. jetty	36 32 1 19	**Qk. Fl. R** . . . . Cp. 400	33	11	Masonry tower; 20	Obscured 96°–193°.
36550 *E 6650*	— Ilots du Port, Head of S. jetty.	36 32 1 19	**Qk. Fl. G** . . . . Cp. 250	33	11	Masonry tower; 20	Obscured 116°–226°.

No.	Name and location	Position lat. location ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

ALGERIA (F.)

No.	Name and location	Position lat. location ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
	TENEZ:						
36560 *E 6648*	— Detached breakwater, W. head.	36 32 1 19	**Gp. Occ. R. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} Cp. 150	33	9	Masonry tower; 20	
36562	— Detached breakwater, E. head.	36 32 1 19	**Occ. G** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 90	33	8	Masonry tower; 20	
36570 *E 6656*	**Pointe Columbi,** about 1 mile E. of Ilot Colombi.	36 26 0 56	**Gp. Fl. W. (3)** period 15^{s} fl. 0.2^{s}, ec. 2.8^{s} fl. 0.2^{s}, ec. 2.8^{s} fl. 0.2^{s}, ec. 8.8^{s} Cp. 600,000	197	20	Red octagonal tower, dwelling; 95.	
36580 *E 6658*	**Cap Ivi**	36 07 0 14	**Fl. W** period 5^{s} fl. 0.4^{s}, ec. 4.6^{s} Cp. 250,000	389	27	Octagonal tower on white dwelling; 61.	Structure difficult to see against background.
	GOLFE DE ARZEU: — Mostaganem:						
36590 *E 6660*	— — Jette du Large **U.**	35 56 0 04	**Gp. Fl. (4)—W. R.** period 12^{s} fl. 1^{s}, ec. 1^{s} fl. 1^{s}, ec. 1^{s} fl. 1^{s}, ec. 1^{s} fl. 1^{s}, ec. 5^{s} Cp. W. 5,000 R. 1,000	43	12	White hut, upper part red "MOSTAGANEM–JETEE NORD" on side; 21.	R. 197°–234°, W. – 197°.
36600 *E 6664*	— — Mole de la Liberation.		**F. G** Cp. 150	36	9	White hut, green top, on square base, name in green on side; 30.	Visible 45°–315°.
36602 *E 6666*	— — Head of SW. jetee.	35 56 0 04	**Gp. Occ. G. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s}	39	7	Column on hut; 21.	
36610 *E 6662*	— — Head of spur from Jettee du Large. **U.**		**Gp. Occ. R. (2)** period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} Cp. 250	38	11	White cylindrical iron tower; 28.	Visible 227°–54°.
	— Arzeu:	**Long. W.**					
36620 *E 6672*	— — **Arzeu Islet (Ilot d'Arzeu)** NE. of port.	35 53 0 17	**Fl. R** period 5^{s} fl. 0.6^{s}, ec. 4.4^{s} Cp. 6,000	66	13	Cylindrical masonry tower, white building; 39.	Obscured by Cap Carbon when bearing more than 138°.
36630 *E 6668*	— — Head of NE. jetty **U**	35 52 0 17	**Occ. W** period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 1,000	27	10	Column 19	
36631 *E 6670*	— — Head of Jetee Est		**Occ. G** period 6^{s} lt. 3^{s}, ec. 3^{s} Cp. 60	36	7	Iron column on hut; 21	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ALGERIA (F.)						
	GOLFE DE ARZEU: — Arzeu:	N. W.					
36632 *E 6671*	— — Headof Jetee Sud ...	....	**Gp. Occ. R. (2)** .... period 9^{s} lt. 4.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} Cp. 100	28	8	Iron column on hut; 21	
36640 *E 6674*	**Cap de L'Aiguille (Abuja)** ..	35 53 0 29	**Gp. Fl. W. (2)** ...... period 10^{s} fl. 0.6^{s}, ec. 1.9^{s} fl. 0.6^{s}, ec. 6.9^{s} Cp. 300,000	203	21	White cylindrical masonry tower; 36.	Obscured by the E. point of cape, S. of 238°. **Radiobeacon.**
	ORAN:						
36752 *E 6678*	— **Jetee du Large,** headof breakwater. **U.**	35 43 0 38	**Gp. Fl. W. (3)** ...... period 15^{s} fl. 0.4^{s}, ec. 2.2^{s} fl. 0.4^{s}, ec. 5.8^{s} fl. 0.4^{s}, ec. 5.8^{s} Cp. 250,000	69	14	Four footed white pylon, upper part and base green; 49.	Reserve light: Gp. Fl. W. (3) period 12^{s} fl. 1^{s}, ec. 1^{s} fl. 1^{s}, ec. 4^{s} fl. 1^{s}, ec. 4^{s} **Siren:** 3 blasts every 60^{s}. **Radiobeacon** approx. 5 miles South.
36770 *E 6680*	— Eperon Nord du Ravin Blanc.	35 43 0 38	**Gp. Occ. G.(3)** ..... period 12^{s} lt. 4.0^{s}, ec. 1.0^{s} lt. 4.0^{s}, ec. 1.0^{s} lt. 1.0^{s}, ec. 1.0^{s} Cp. 150	28	10	Black column	
36780	— Epi du Large	35 43 0 38	**Occ. G** .... period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 375	27	10	Black column	
36790	— Traverse du Large	....	**Occ. R** .... period 4^{s} lt. 2.0^{s}, ec. 2.0^{s} Cp. 600	29	13	Red column	
36800 *E 6684*	— Mole du Ravin Blanc, NE. corner.	35 43 0 38	**Gp. Occ. R. (2)** .... period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s}	......	.....	....	
36810	— — NW. corner	....	**F. R**	......	.....	....	
36820	— Mole Oblique, head of mole.	35 43 0 38	**F. R**	......	.....	....	A F.R. light is established 150 yards NW.
36830 *E 6682*	— Mole Millerand, NW. corner.	....	**Gp. Occ. R. (3)** .... period 12^{s} lt. 4.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} Cp. 150	27	9	Black column	Two F. G. and two F. R. lights are shown from floating drydock.
36840	— — NW. corner	....	**F. R**	26	10	....	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ALGERIA (F.)						
		N. W.					
	ORAN:						
36850 *E 6686*	— — NE. corner		**Gp. Occ. R (4)** period 12^s lt. 3^s, ec. 1^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 140	27	4		
36860 *E 6696*	— Mole Jules Giraud NW. corner.		**F. R** Cp. 240	27	10		
36862 *E 6694*	— — NE. corner		**Gp. Occ. R (4)** period 12^s lt. 5^s, ec. 1^s lt. 1^s, ec. 1^s lt. 1^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 240	27	10		
36870 *E 6682*	— Eperon Nord, opposite Mole Millerand.		**Gp. Occ. G. (3)** period 12^s lt. 4.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s	28	3	Black column	
36880 *E 6700*	— Jetee du Guay-Trouin, inner port, NE.	35 43 0 39	**F. R** Cp. 150	27	10		
36890 *E 6701*	— — SE. corner		**Occ. G** period 4^s lt. 2^s, ec. 2^s Cp. 150	27	9		
36892	— Mole Ste. Marie, NW. corner.		**Occ. R** period 4^s lt. 3^s, ec. 1^s				
36893	— — Head of Eastern Slip Mole.		**Fl. W** period 4^s				
36900	— Vieux Port head of eastern mole.		**F. R**				
36920	*Lighted Buoy*, off head of new jetty.	35 44 0 40	**F. G**	15	3	Black conical buoy	Marks work in progress.
36922 *E 6704*	**Mers el Kebir** Range, front	35 43 0 42	**Gp. Occ. R (3)** period 12^s lt. 4^s, ec. 1^s lt. 4^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 100	173	16	Pylon, black and white checkered panel; 59.	Visible 15° each side of axis.
36922.1 *E 6705*	— Rear, about 370 yards 259° from front.		**Gp. Occ. R (3)** period 12^s lt. 4^s, ec. 1^s lt. 4^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 500	220	12	Pylon, black and white checkered panel; 23.	Visible 5° each side of axis. Synchronized with front.

ALGERIA (F.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
36930 *E 6708*	**Cap Falcon**	N. W. 35 46 0 48	**Gp. Fl. W. (4)** period 25^s fl. 0.1^s, ec. 2.9^s fl. 0.1^s, ec. 2.9^s fl. 0.1^s, ec. 2.9^s fl. 0.1^s, ec. 15.9^s Cp. 2,500,000	341	25	Gray octagonal tower; 89	The F. G. light is shown from the E. side and the F. R. light from the W. side of the entrance at St. Andre.
36960 *E 6712*	Ile Plane U.	35 46 0 54	**Occ. R** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 200	77	10	White tower; 20	
36965 *E 6714*	**Iles Habibas,** summit of principal island.	35 43 1 08	**Fl. W** period 5^s fl. 0.6^s, ec. 4.4^s Cp. 30,000	367	23	Square tower on rectangular dwelling; 20.	
36970 *E 6716*	Beni Saf, head of outer breakwater.	35 19 1 23	**Occ. G** period 4^s lt. 2^s, ec. 2^s	39	12	Gray pylon on masonry base; 30.	Visible 72°–342°. A F. G. light is shown about 545 yards WSW.
36980 *E 6717*	— End of E. breakwater		**Gp. Occ. R. (2)** period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 600	20	9	Metal structure	
36990 *E 6718*	**Ile Rachgoun (Rashgun)**	35 20 1 29	**Gp. Fl. R. (2)** period 10^s fl. 0.5^s, ec. 2^s fl. 0.5^s, ec. 7^s Cp. 25,000	269	22	Square tower on center of building; 49.	
	NEMOURS:						
37000 *E 6720*	— **Nemours,** W. point of bay.	35 06 1 52	**Gp. Fl. W. (3)** period 15^s fl. 1^s, ec. 2^s fl. 1^s, ec. 2^s fl. 1^s, ec. 8^s Cp. 18,000	305	22	Cylindrical tower on center of building; 36.	
37010 *E 6732*	— Les Deux Freres Rocks	35 06 1 52	**Fl. R. G** period 6^s fl. 1.5^s, ec. 4.5^s Cp. G. 100 R. 60	88	G. 8 R. 7	Black tower; 21	G. 32°–312°, R. elsewhere.
37012 *E 6722*	— North Breakwater, head	35 06 1 52	**Occ. R** period 4^s lt. 3^s, ec. 1^s Cp. 600	54	13	Red iron tower on cylindrical base; 49.	
37013	— Head of spur, 0.2 miles ESE of N. breakwater.		**F. R**		11		Visible 255°–90°.
37040 *E 6724*	— Head of W. jetty		**F. G** Cp. 100	39	8	Column on black hut; 33	F. G. shown from head mole 76° about 390 yards.

MOROCCO

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
37060 *E 6756.6*	Cabo del Agua	35 09 2 25	**Gp. Fl. W. (2)** period 6^{s} fl. 0.4^{s}, ec. 0.6^{s} fl. 0.4^{s}, ec. 4.6^{s}	138	10	White tower and octagonal building; 26.	
	ZAFARIN (CHAFARINAS) ISLANDS:						
37070 *E 6754*	— **Isabel Segunda Island,** near NW. extremity of island.	35 11 2 26	**Fl. W** period 4^{s} fl. 0.8^{s}, ec. 3.2^{s}	170	19	White tower, dwelling; 59.	Obscured by Congreso Island 45°–80°.
37080 *E 6756*	— — Head of mole		**Qk. Fl. R** 60 fl. per min.	27	4	Quadrangular metal pyramidal tower; 29.	
37090 *E 6752*	— Congreso Island, S. extremity.	35 11 2 26	**Fl. R** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	118	6	Gray cylindrical tower; 10.	
	MELILLA:						
37110 *E 6758*	— **Bonete Tower,** NE. of town on bastion of fort.	35 18 2 57	**Gp. Occ. W. (2)** period 10^{s} lt. 5.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} Cp. 500	131	17	Dark gray tower with balcony on gray building, lantern aluminum; 40.	
37120 *E 6762*	— Head of NE. breakwater		**F. G**	72	10	Gray masonry tower	
37140 *E 6768*	— Ore Dock, outer end		**F. R**	39	2	Concrete tower; 33	
37150 *E 6772*	— Inner Basin, head of E. jetty.		**F. G**	20	1	Iron column; 15	Traffic signals. Storm signals.
37160 *E 6774*	— — Head of W. jetty		**F. R**	25	1	Iron post; 13	
37170 *E 6776*	Los Farallones, on rocks	35 26 2 57	**Occ. W** period 6^{s} lt. 4^{s}, ec. 2^{s}	64	8	White concrete tower, red lantern; 16.	
37180 *E 6778*	**Cabo Tres Forcas,** N. of Melilla.	35 27 2 58	**Gp. Fl. W. (4)** period 20^{s} fl. 0.4^{s}, ec. 2.1^{s} fl. 0.4^{s}, ec. 2.1^{s} fl. 0.4^{s}, ec. 7.1^{s} fl. 0.4^{s}, ec. 7.1^{s}	367	26	Gray tower on white two-story dwelling; 59.	Visible 83°–307°. **Explosive:** 1 report every 5 min. Reserve light visible 12 miles.
37190 *E 6780*	Cala Tramontana, Ras Baraket, N. side of entrance. **U.**	35 24 3 02	**Gp. Occ. W. (3)** period 15^{s} lt. 3.4^{s}, ec. 2.5^{s} lt. 3.4^{s}, ec. 2.5^{s} lt. 0.7^{s}, ec. 2.5^{s}	160	13	White cylindrical masonry tower; 13.	
37200 *E 0086*	**Alboran Island,** summit, about 29 miles N. of Cabo Tres Forcas.	35 56 3 02	**Gp. Fl. W. (4)** period 10^{s} fl. 0.5^{s}, ec. 1^{s} fl. 0.5^{s}, ec. 1^{s} fl. 0.5^{s}, ec. 1^{s} fl. 0.5^{s}, ec. 5^{s}	112	14	Gray conical tower on dwelling; 62.	
37210 *E 6784*	**Cabo Quilates,** NE. side of Cape, on Point Babazun.	35 17 3 41	**Gp. Fl. W. (3)** period 10^{s} fl. 0.3^{s}, ec. 1.3^{s} fl. 0.3^{s}, ec. 3.9^{s} fl. 0.3^{s}, ec. 3.9^{s}	262	23	White octagonal tower; 118.	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MOROCCO						
		N. W.					
	ALHUCEMAS BAY:						
37220 *E 6786*	— **Morro Nuevo,** on Punta de los Frailes.	35 15 3 56	**Gp. Fl. W. (4)**...... period 15^{s} fl. 0.3^{s}, ec. 2.3^{s} fl. 0.3^{s}, ec. 2.3^{s} fl. 0.3^{s}, ec. 2.3^{s} fl. 0.3^{s}, ec. 6.9^{s}	403	13	Cylindrical tower, gray cupola, dwelling.	Visible 82°–275°.
37230	— Villa Sanjurjo, Range No. 1, front.	35 15 3 56	**F. R**.............	82	3	White hut, mast, red daymark; 16.	
37230.1	— — Rear, about 98 yards 274° from front.	....	**F. R**.............	155	3	White hut, mast, red daymark; 16.	
37240	— — Range No. 2, front...	....	**F. G**.............	90	3	White masonry hut, mast, green daymark; 16.	
37240.1	— — — Rear, 77 yards 330° from front.	....	**F. G**.............	150	3	White masonry hut, mast, green daymark; 26.	
37242	— East Breakwater	35 15 3 55	**Occ. G** .... period 4^{s} lt. 2^{s}, ec. 2^{s}	......	6	White masonry tower	
37244	— Los Islotes...........	....	**Occ. R**........... period 4^{s} lt. 2^{s}, ec. 2^{s}	......	7	White masonry tower	
37250 *E 6788*	**Penon de Velez de la Gomero,** on islet NW. of town.	35 10 4 18	**Gp. Fl. W. (3)**...... period 15^{s} fl. 0.3^{s}, ec. 2.7^{s} fl. 0.3^{s}, ec. 2.7^{s} fl. 0.3^{s}, ec. 8.7^{s}	154	13	Gray tower; 20...........	
37260 *E 6789*	Punta de Pescadores, Puerto Capaz.	35 13 4 41	**Fl. W**............ period 7.5^{s} fl. 0.5^{s}, ec. 7.0^{s}	137	12	Gray lantern on white concrete hut; 10.	Visible 90°–270°.
37270 *E 6790*	**Rio Martin,** Tetuan Bay, NE. corner of fort.	35 37 5 16	**Fl. W**............ period 2.6^{s} fl. 0.3^{s}, ec. 2.3^{s}	49	13	Tower on white square dwelling; 43.	F. W. range lights with G. sectors mark the channel in the river mouth; the W. sector marks the range. When depths in the river mouth decrease, the rear light will show F. Bu.
37280 *E 6791.2*	**Tetuan** AVIATION LIGHT..	35 35 5 20	**Fl. W**............ period 4.5^{s}	115	16	....	**Radiobeacon.**
	CEUTA:						
37290 *D 2482*	— **Almino Point,** S. point of E. entrance to Gibraltar Strait.	35 54 5 17	**Gp. Fl. W. (2)**...... period 10^{s} fl. 0.4^{s}, ec. 2.1^{s} fl. 0.4^{s}, ec. 7.1^{s}	484	29	White circular tower on dwelling; 52.	**Siren:** 2 blasts every 45^{s}.
37300 *D 2486*	— Head of W. breakwater (Dique de Poniente).	35 54 5 19	**Fl. G**............ period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	40	5	Truncated conical concrete tower; 21.	**Bell:**: 1 stroke every 15^{s}. **Radiobeacon.**
37310 *D 2488*	— Head of E. breakwater (Dique de Levante.)	....	**Gp. Fl. R. (2)**...... period 6^{s} fl. 0.3^{s}, ec. 0.4^{s} fl. 0.3^{s}, ec. 5.0^{s}	40	6	Truncated conical concrete tower; 21.	
37320 *D 2487*	— Digue de Poniente Spur, SE. corner.	....	**F. G**.............	13	.....	Post....................	Visible only over harbor.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MOROCCO						
		N. W.					
	CEUTA:						
37330 *D 2492*	— Muelle de Espana, NW. corner.	....	**F. R**.............	13	2	Gray iron mast; 5	
37340 *D 2495*	— Ensenada de Almadraba, head of fisherman's mole, S. side of Cueta Peninsula.	....	**F. W**.............	14	3	Iron column; 11	
37350 *D 2496*	Alcazarseguer, on Punta Alcazar.	35 51 5 34	**Gp. Fl. W. (4)**...... period 15^s fl. 0.2^s, ec. 0.9^s fl. 0.2^s, ec. 0.9^s fl. 0.2^s, ec. 6.2^s fl. 0.2^s, ec. 6.2^s	27	8	Tower; 16...............	
	TANGIER BAY:						
37360 *D 2498*	— **Malabata Point,** NE. point of bay.	35 49 5 45	**Fl. W**............ period 5^s fl. 0.7^s, ec. 4.3^s Cp. 30,000	249	22	White square tower, hut; 59.	
37370 *D 2500*	— Le Charf (Mount Direction).	35 46 5 47	**Gp. Occ. (3) W. R. G.** period 12^s lt. 4.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s	295	W. 9 R. 6 G. 5	Roof of white dwelling; 21.	G. 140°–174° 29′, W.–200°, R.–220°, obscured–142°.
37375 *D 2504*	— Head of Yachting Jetty..	35 47 5 48	**F. G**.............	13	2	White cylindrical tower, black bands; 10.	
37390 *D 2502*	— Head of outer breakwater.	35 47 5 48	**F. G**.............	25	3	Metal tripod; 8..........	
37400 *D 2506*	— Head of S. breakwater...	....	**F. R**.............	21	.....	....	
37410 *D 2510*	**Cape Spartel (Espartel),** near extremity of cape; S. side of W. entrance to Gibraltar Strait.	35 47 5 55	**Gp. Fl. W. (4)**...... period 20^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 12.2^s Cp. 1,200,000	312	24	White square tower on building; 79.	**Diaphone:** 4 blasts every 90^s. **Radiobeacon.**
37414 *D 2512*	**Tanger-Boukhalt** AVIATION LIGHT.	35 44 5 55	**Fl. W**............ period 12^s	......	27	Control tower; 46.........	Visible 67°–115°. *Occasional.* A Gp. Fl. G. light may be shown flashing Morse letters "TG".
	ARZILA:						
37420 *D 2514*	— Entrance Range, 840 yards 41° from square tower, front.	35 28 6 02	**F. R**.............	33	2	Iron tower	Signal station.
37420.1 *D 2516*	— — Rear, 145° 30′ from front.	....	**F. R**.............	39	2	Iron tower	
	LARACHE (EL ARAISH):						
37430 *D 2532*	— **Punta Nador,** about 0.75 mile W. of El Araish.	35 12 6 10	**Gp. Fl. W. (2)**...... period 15^s fl. 0.3^s, ec. 3.5^s fl. 0.3^s, ec. 10.9^s	256	22	White octagonal tower on building; 115.	Signal station. Traffic signals.

MOROCCO

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LARACHE (EL ARAISH):	N. W.					
37440 *D 2522*	— W. head of jetty, N. side of entrance.	....	**Fl. W** .... period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	35	9	Red conical iron tower	A F. G. light 886 yards 120° from light on N. jetty marks N. end of mole under construction in inner harbor.
37450 *D 2524*	— First Range, front	....	**F. W**	33	4	Iron pylon	
37450.1 *D 2526*	— — Rear, 220 yards 102° from front.	....	**F. W**	39	4	Iron pylon	
37460 *D 2528*	— Second Range, front	....	**F. R**	50	2	Post	
37460.1 *D 2530*	— — Rear, on church, 145° 30′ from front.	....	**F. R**	66	2	Church tower	
37470 *D 2534*	— **Auamara** AVIATION LIGHT.	35 03 6 03	**Fl. W** .... period 3^{s}	135	17	Tower; 52	
	MEHEDIYA (MEHDIA):						
37480 *D 2540*	— Mehediya, S. side of Sebu River, front.	34 16 6 40	**F. G** .... Cp. 2,500	46	12	Black and white pyramid; 30.	
37480.1 *D 2542*	— — Rear, about 875 yards 102° 30′ from front.	34 16 6 40	**Gp. Occ. W. (3)** .... period 12^{s} lt. 4.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} Cp. 25,000	243	21	White and red tower; 20 ...	
37489 *D 2547*	— Head of N. jetty	34 16 6 41	**Gp. Occ. R. (2)** ..... period 9^{s} lt. 4.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s}	33	8	Concrete beacon; 10	
37490 *D 2546*	— Head of S. jetty	....	**Occ. G** .... period 4^{s} lt. 2^{s}, ec. 2^{s}	33	6	Concrete beacon; 10	
37491	— Oued Sebou	34 16 6 41	**F. W**	......	.....	....	
37492	— Range No. 2, front	34 16 6 40	**F. R**	......	.....	....	Intensified 2° 30′ each side of axis.
37492.1	— — Rear, about 0.15 mile 60° from front.	....	**F. R**	......	.....	....	Intensified 2° 30′ each side of axis.
37494	— Range No. 3, front	34 16 6 39	**F. G**	......	.....	....	Intensified 2° 30′ each side of axis.
37494.1	— — Rear, about 0.2 mile 72° 30′ from front.	....	**F. G**	......	.....	....	Intensified 2° 30′ each side of axis.
37496	— Range No. 4, front (downstream).	34 19 6 37	**F. G**	......	.....	....	Intensified 2° 30′ each side of axis.
37496.1	— — Rear, about 0.15 mile 216° from front.	....	**F. G**	......	.....	....	Intensified 2° 30′ each side of axis.

MOROCCO

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors, Remarks, Fog signals
	MEHEDIYA (MEHDIA):	N. W.					
37498	— Range No. 4, front (upstream).	34 19 6 37	**F. R**	......	.....	....	Intensified 2° 30′ each side of axis. A Gp. Occ. R. light period 9^{s} is shown on a pier, about 1.3 miles 221°.
37498.1	— — Rear, about 0.2 mile 36° from front.	....	**F. R**	......	.....	....	Intensified 2° 30′ each side of axis.
37500 *D 2544*	— AVIATION LIGHT	34 18 6 39	**Alt. Gp. Fl. (3)—W. G.** period 10^{s} 2 qk. W. fl., 1 G. fl.	186	.....	....	A F. R. light is shown from a radio tower, about 8.4 miles 194°.
37502	— Range No. 5, front	34 19 6 36	**Gp. Occ. R. (2)** .... period 9^{s} lt. 4.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s}	......	.....	....	Intensified 2° 30′ each side of axis.
37502.1	— — Rear, about 0.1 mile 71° from front.	....	**F. R**	......	.....	....	Intensified 2° 30′ each side of axis.
37503	— Beacon...............	34 19 6 36	**F. R**	......	.....	....	
37504	— Range No. 6, front	34 19 6 35	**F. R**	......	.....	....	Intensified 2° 30′ each side of axis.
37504.1	— — Rear, about 0.15 mile 87° from front.	....	**F. R**	......	.....	....	Intensified 2° 30′ each side of axis. A Gp. Occ. R. (2) light period 9^{s} is shown about 140 yards 153°.
37506	— Range No. 7, front (downstream).	34 19 6 35	**F. R**	......	.....	....	Intensified 2° 30′ each side of axis. A Gp. Occ. R. light is shown on the bank, about 1 mile 196°.
37506.1	— — Rear, about 0.2 mile 18° from front.	....	**F. R**	......	.....	....	Intensified 2° 30′ each side of axis.
37508	— Range No. 7, front (up stream).	34 16 6 36	**F. G**	......	.....	....	Intensified 2° 30′ each side of axis.
37508.1	— — Rear, about 0.13 mile 198° from front.	....	**F. G**	......	.....	....	Intensified 2° 30′ each side of axis. An Occ. G. light, period 4^{s} is shown on Quai Robert Dubreuil.
37509	— Beacon...............	34 16 6 35	**F. G**	......	.....	....	
37510 *D 2554*	**Rabat**, Fort de la Calette, S. of Regreg River entrance.	34 02 6 51	**Gp. Occ. W. (2)** .... period 8^{s} lt. 4.0^{s}, ec. 1.3^{s} lt. 1.4^{s}, ec. 1.3^{s} Cp. 1,500	102	15	White cylindrical tower; 69.	
37530 *D 2556*	— Customs Quay..........	34 02 6 50	**F. G**	13	2	Post; 13	
37530.1 *D 2557*	— — Rear, about 300 feet, 173° from front.	....	**2 F. G.** (vert.)......	39 32	2	Pole; 40	
37533 *E 2557.5*	— Rabat Sale, AVIATION LIGHT.	34 02 6 46	**Fl. W** .... period 10^{s} fl. 1^{s}, ec. 9^{s}	......	.....	....	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MOROCCO						
	FEDALA (FEALA):	N. W.					
37540 *D 2558*	— **Cap Fedala,** on small islet N. of cape.	33 43 7 24	**Gp. Fl. W. (3)** ...... period 18^{s} fl. 0.4^{s}, ec. 2.6^{s} fl. 0.4^{s}, ec. 7.1^{s} fl. 0.4^{s}, ec. 7.1^{s} Cp. 134,000	95	15	White octagonal tower; 74 .	
D 2560	....	....	**F. R** .... Cp. 1,400	69	13	Same tower	Visible 205° 30′–215° 30′.
37542 *D 2560. 1*	— Range, front	33 44 7 21	**Gp. Occ. W. (2)** .... period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s}	38	11	White dwelling; 11	Intensified 2° each side of range line. Synchronized with rear.
37542.1 *D 2560. 2*	— — Rear, about 0.14 mile 99° from front.	....	**Gp. Occ. (2)—W. G.** period 6^{s} Cp. W. 5,000 G. 600	67	W. 13 G. 12	Dwelling; 23............	W. 66°–82°, G.–101°, W.–230°.
37543 *D 2560.5*	— Range, front	33 42 7 23	**Qk. Fl. W** .... Cp. 10,000	83	14	Telephone building; 62	Intensified 2° each side of range line. Synchronized with rear.
37543.1 *D 2560.6*	— — Rear, about 0.26 mile 187° from front.	....	**Qk. Fl.—W. G** ..... Cp. W. 3,000 G. 375	100	W. 15 G. 11	White dwelling; 16	Intensified 2° each side of range line. W. 184°–190°, G.–205°.
37550 *D 2562. 4*	— N. end of S. Jetty	33 43 7 24	**Gp. Occ. R. (2)** .... period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} Cp. 600	21	9	Red and white striped tower; 15	
37560 *D 2562. 3*	— Head of N. Jetty	33 43 7 24	**Occ.—W.G** .... period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. W. 3,000 G. 375	21	9	Green and white striped tower; 11.	G. 213°–240°, W. elsewhere.
37572 *D 2561*	— Range, front	33 43 7 24	**Gp. Occ.W. (3)** ..... period 12^{s} lt. 4.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s} Cp. 10,000	18	9	Black and white banded column.	Intensified 2° each side of range line. Synchronized with rear.
37572.1 *D 2561.1*	— — Rear, about 0.14 mile 265° from front.	....	**Gp. Occ. W. (3)**	43	9	Black and white banded column.	Intensified 2° each side of range line.
	CASABLANCA:						
37578 *D 2570*	— **Pointe d'Oukacha**.......	33 37 7 34	**Gp. Occ. (2) W. R...** period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} Cp. W. 20,000 R. 4,000	92	15	White pylon, red bands; 62.	R. shore–110°, W.–elsewhere. **Radiobeacon.**
37580 *D 2562*	— **Black Rock,** E. of port ..	33 36 7 35	**Occ.—W. R** .... period 4^{s} lt. 3^{s}, ec. 1^{s} Cp. 4,000	64	W. 13 R. 13	Cylindrical tower; 49	R. 90°–155°, W.–90°.

No.	Name and lacotion	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

MOROCCO

No.	Name and lacotion	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CASABLANCA:	N. W.					
37582 *D 2562. 5*	— Head of new spur, NE., Jetee Delure.	33 37 7 36	**Occ. G** period 4^s lt. 2^s, ec. 2^s	21	6		
37590 *D 2564*	— Jetee Delure, S. arm	33 37 7 36	**Occ. G** period 2^s lt. 1.5^s, ec. 0.5^s	19	8	Black pylon; 7	Visible 238°–70°.
37595	— *Lighted Whistle Buoy*, off Jetee Delure.		**Fl. W** period 1.5^s	13	8	Black buoy	**Radar reflector.**
37600 *D 2568*	— Transversal Jetty, outer end.		**Occ. R** period 2^s lt. 1^s, ec. 1^s	19	9	Red pylon; 7	Visible 026°–257°. Synchronized with Jetee Delure light.
37602	— Phosphate Pier, NW. corner.		**F. R**				
37610 *D 2653*	— Entrance Range, N. tower of phosphate pier, front.	33 37 7 36	**Occ. W** period 4^s lt. 3^s, ec. 1^s Cp. 6,000	104	16	Tower; 92	
37610.1 *D 2563.1*	— — Rear, Mole du Commerce, about 875 yards 228° from front.		**F. W. R** Cp. 18,000	154	18	Silo of grain elevator; 146	R. 250°–shore.
37620 *D 2578*	**Pointe El Hank (Cap Dar el Beido).**	33 37 7 39	**Gp. Fl. W. (3)** period 15^s fl. 0.1^s, ec. 2.9^s fl. 0.1^s, ec. 2.9^s fl. 0.1^s, ec. 8.9^s Cp. 2,100,000	202	21	White masonry tower; 161	**Siren:** 3 blasts every 120^s. **Radiobeacon.**
37630 *D 2574*	**Cazes** AVIATION LIGHT	33 34 7 40	**Gp. Fl. W. (2)** period 11^s	262	21	Iron framework; 98	Exhibited from 1 hour after sunset to 1 hour before sunrise.
37640 *D 2582*	**Pointe d'Azemmur (Azimur).**	33 21 8 18	**F.—W. R.** Cp. W. 6,000 R. 1,200	148	W. 18	Cylindrical tower; 36	W. 75°–100°, R.–245°; obscured elsewhere.
	MAZAGAN:						
37650 *D 2588*	— **Sidi Bou Afi**, 1,800 yards SSW. of Cape Mazagan.	33 15 8 31	**Fl. W** period 5^s fl. 0.4^s, ec. 4.6^s Cp. 250,000	213	21	Cylindrical tower; 151	
37660 *D 2584*	— **Tombeau**, about 3.5 miles E. of town.	33 15 8 26	**Gp. Occ. (2)—W. R.** period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. W. 20,000 R. 4,000	164	W. 19 R. 17	Square tower; 49	R. 61°–151°, W.–188°; obscured elsewhere.
37670 *D 2586*	— Head of N. jetty	33 15 8 30	**Occ.—W. G** period 4^s lt. 2^s, ec. 2^s Cp. W. 500 G. 70	30	W. 10 G. 6	Iron post on hut; 20	G. 120°–235°, W.–120°. A F. R. light is located on the South Jetty head.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MOROCCO						
37680 *D 2590*	Cap Blanc du Nord	N. W. 33 10 8 38	**Occ.—W. R** .... period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. W. 1,500 R. 300	92	W. 10 R. 6	Tower; 52...............	W. 18°–190°, R.–18°.
37690 *D 2592*	**Cap Kantin (Cape Cantin)** ..	32 33 9 17	**Gp. Fl. W. (2)**...... period 10^{s} fl. 0.4^{s}, ec. 2.3^{s} fl. 0.4^{s}, ec. 6.9^{s} Cp. 600,000	217	21	Tower of castle	
37700 *D 2595*	**Paint de la Taur,** about 1.3 miles 293° from Sidi Bou Zid Mosque.	32 20 9 17	**Gp.Occ. W. (4)** ..... period 12^{s} lt. 5^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s}	......	20	....	
	SAFI:						
37707	— S. end detached breakwater.	32 19 9 15	**F. G**.............	......	.....	Reservoir	Visible in harbor only, 133°–335°.
37708 *D 2596*	— West Breakwater .... **U.**	32 19 9 16	**Occ.G** .... period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 15	32	2	White pylon black bands; 20.	
37710 *D 2596*	— On breakwater, about 400 yards from head.	....	**F. G**............. Cp. 60	33	6	....	Visible 147°–340°. 2 F. R. obstruction lights on white chimney about 2,900 yards 151°.
37712 *D 2598*	— N. breakwater head	....	**Occ. R**........... period 4^{s} lt. 2^{s}, ec. 2^{s}	......	.....	....	
37720 *D 2598*	— Head of transverse mole.	....	**F. R**.............	30	10	....	Visible 262°–166°.
37730 *D 2600*	— Phosphate plant, inner end of transverse mole.	32 19 9 15	**Gp. Occ. W. (2)** .... period 6^{s} lt. 3^{s}, ec. 1^{s} lt. 1^{s}, ec. 1^{s} Cp. 1,200	101	11	White square tower	Visible 12°–145°. Two F. R. obstruction lights on chimney about 1600 yards NW.
37740 *D 2602*	**Sidi Mogdaul,** at Mogador ...	31 30 9 46	**Occ.—W. R. G**..... period 4^{s} Cp. W. 1,000 R. 200 G. 120	82	W. 14 R. 9 G. 8	Square white tower; 72....	G. 34°–124°, W.–136°, R.–214°. A Fl. G. light is located on the east mole and a Gp. Occ. R. light on the west mole.
37750 *D 2604*	**Cap Sim**.................	31 24 9 50	**Gp.Fl. W. (3)** ...... period 15^{s} fl. 0.6^{s}, ec. 2.4^{s} fl. 0.6^{s}, ec. 2.4^{s} fl. 0.6^{s}, ec. 8.4^{s} Cp. 192,500	335	25	Tower of fort, 3 black bands; 49.	
37760 *D 2608*	**Cap Ghir**	30 38 9 53	**Fl. W** .... period 5^{s} fl. 0.4^{s}, ec. 4.6^{s} Cp. 200,000	203	21	White tower; 86	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MOROCCO						
	AGADIR:	N. W.					
37770 *D 2610*	— **Pointe d'Arhesdis,** about 1 mile W. of town.	30 26 9 39	**Gp. Occ. W. (3)** period 12^s lt. 4.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s Cp. 60,000	111	16	White tower; 20	
37780 *D 2611*	— Head of W. jetty **U.**	30 25 9 38	**Gp. Occ. R. (2)** period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 600	28	10	Gray tower; 20	**Horn:** 2 blasts every 30^s.
37795 *D 2612*	— Head of SE. breakwater **U.**	30 25 9 38	**Occ. G** period 4^s lt. 2^s, ec. 2^s Cp. 60	21	6		
37800 *D 2613*	— Head of E. mole **U.**		**F. G** Cp. 375	19	9	Gray pylon; 12	
37810 *D 2616*	**Sidi Ifni**	29 25 10 09	**Gp. Fl. W. (4)** period 30^s fl. 0.3^s, ec. 10.9^s fl. 0.3^s, ec. 3.5^s fl. 0.3^s, ec. 3.5^s fl. 0.3^s, ec. 10.9^s	192	20	Tower of factory; 39	**Radiobeacon.**
	THE AZORES (P.)						
37820 *D 2712*	Corro Island, Ponta Negra, S. point.	39 40 31 07	**Gp. Fl. W. (2)** period 10^s fl. 1^s, ec. 2^s fl. 1^s, ec. 6^s Cp. 2,000	73	14	White hexagonal concrete tower; 13.	Visible 235°–256° and 261°–119°.
	FLORES ISLAND:						
37830 *D 2704*	— **Ponto Loges (Lojes)** SE. point of island.	39 22 31 11	**Gp. Fl. W. (3)** period 20^s fl. 0.2^s, ec. 3.1^s fl. 0.2^s, ec. 3.1^s fl. 0.2^s, ec. 13.2^s Cp. 3,900,000	292	24	Square masonry tower, one-story building; 52.	Visible 234°–83°. **Radiobeacon.**
37840 *D 2706*	— Faja Grande, W. side of island.	39 27 31 16	**F. W**	43	6	Red iron column, hut; 19	F. R. lights are shown at the tops of radio masts at Lagens.
37850 *D 2702*	— Ponta Santa Cruz E. side of island.	39 27 31 08	**Fl. R** period 5^s fl. 1^s, ec. 4^s Cp. under 100	40	5	Quadrangular iron tower, painted aluminum; 19.	Visible 128°–336°.
37860 *D 2708*	— **Ponto do Albernos**	39 31 31 15	**Fl. W** period 5^s fl. 0.3^s, ec. 4.7^s Cp. 3, 100, 000	283	23	White cylindrical masonry tower; 49.	Visible 35°–258° except where obscured by Corvo Island 204°–214°.

THE AZORES (P.)

No.	Name and location	Position lat. long. ° '	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	FAYAL ISLAND:	N. W.					
37880 *D 2694*	— Horta Bay, head of breakwater.	38 32 28 38	**F. R** Cp. 400	62	13	White concrete structure; 49.	Visible 48° – 17°.
37890 *D 2696*	— — Sea wall	....	**F.—W. G** Cp. 100	34	W. 6 G. 4	Red iron column, hut; 20	G. from N. shore to 284° over prohibited anchorage; W. thence to S. shore.
37900 *D 2692*	— **Panta da Ribeirinha,** NE. point of island.	38 36 28 36	**Gp. Fl. W. (3)** period 20^s fl. 0.5^s, ec. 2.8^s fl. 0.5^s, ec. 2.8^s fl. 0.5^s, ec. 12.9^s Cp. 3,900,000	480	29	White square masonry tower, attached dwelling; 66.	Visible 133° – 1°. Reserve light visible 26 miles.
	PICO ISLAND:						
37910 *D 2686*	— **Panta da Arela Larga,** W. side of island.	38 32 28 32	**Fl. R** period 5^s fl. 1^s, ec. 4^s Cp. 300	47	9	Red iron column, gallery; 20.	Visible 9°–223°, obscured by Fayal Island 76°–141°, with the exception of a small ray on bearing 83°, and is obscured by Magdelena Rocks when passing close to them in the Fayal Channel. A F. R. light is shown occasionally at Porto Magdalena.
37920 *D 2684*	— Areia Larga Anchorage Range, front.	38 31 28 32	**F. R**	31	2	White column; 13	*Extinguished in bad weather.*
37920.1 *D 2684.1*	— — Rear, 150 yards 82° from front.	....	**F. R**	37	2	Red lantern on roof of house; 13.	*Extinguished in bad weather.*
37922 *D 2691*	— **Pta. S. Matheus**	38 25 28 27	**Fl. W** period 5^s fl. 1^s, ec. 4^s Cp. 4,900	112	16	White truncated tower; 43	Visible 284° –118°.
37930	— Lagens do Rico Range, front, entrance to canal to inner port.	....	**F. R** Cp. under 100	46	4	White concrete structure; 16.	
37930.1	— — Rear	....	**F. R** Cp. under 100	59	4	Column overgrown with plants; 10.	
37940 *D 2690*	— **Panta da Ilha,** 1 mile west of point.	38 25 28 03	**Fl. W** period 10^s fl. 0.3^s, ec. 9.7^s Cp. 650,000	93	15	White quadrangular tower, and dwelling red lantern; 62.	Visible 169°–90°.
37950 *D 2688*	— Caes do Pico, N. side of island.	38 31 28 20	**Occ. W** period 4^s lt. 2^s, ec. 2^s Cp. 100	31	6	Concrete structure; 16	
37960 *D 2689*	— Prainha	38 28 28 12	**F. W** Cp. 100	47	6	Iron column, black and white bands; 10.	Visible 287° –128°.
	SAN JORGE ISLAND:						
37968 *D 2683*	— **Panta Rasais**	38 45 28 19	**Gp. Fl. W. (4)** period 20^s fl. 0.25^s, ec. 3.1^s fl. 0.25^s, ec. 3.1^s fl. 0.25^s, ec. 3.1^s fl. 0.25^s, ec. 9.7^s Cp. 1,200,000	932	30	Cylinder concrete tower; 92.	Visible 321° –283°.

THE AZORES (P.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
	SAN JORGE ISLAND:						
37970 *D 2682*	— Porto das Velas, head of Bay, S. side.	38 40 28 13	**Gp. Occ. W. (2)** .... period 20^s lt. 12.5^s, ec. 2.5^s lt. 2.5^s, ec. 2.5^s Cp. 100	60	6	Red iron column; 19	A F. W. light visible 5 miles, is located at Urzelina.
37980 *D 2680.1*	— Ponta Forcada .... **U.**	38 36 27 59	**F. W** .... Cp. under 100	227	6	Red iron column white bands; 10.	
37985 *D 2681*	— Calheta	38 36 28 01	**F. W** .... Cp. 100	40	5	White concrete tower; 7 ...	
37990 *D 2680*	— **Ponta do Topo,** SE. point of island.	38 33 27 47	**Gp. Fl. W. (2)** ...... period 15^s fl. 0.2^s, ec. 3.8^s fl. 0.2^s, ec. 10.8^s Cp. 2,400,000	188	20	White cylindrical concrete tower, dwelling attached; 52.	Visible 133°–33°.
	GRACIOSA ISLAND:						
37998 *D 2670*	— **Carapacha Point**	39 01 27 57	**Gp. Fl. R. (2)** ...... period 10^s fl. 0.4^s, ec. 2.1^s fl. 0.4^s, ec. 7.1^s Cp. 5,000	627	19	Cylindrical concrete tower next to a dwelling, painted white; 46.	Visible 165°–98° at distance of 11 miles.
38000 *D 2674*	— Fort do Santo, N. side of island.	39 04 28 01	**F. R** .... Cp. under 100	44	4	Red iron column, hut; 19 ..	
38010 *D 2672*	— Ponta da Rochela, NE. side of island.	39 03 27 58	**F. W** .... Cp. 100	57	6	Red iron column, hut; 20 ..	Visible 147°–326°, obscured by Praia Island, 257°–271°.
38020	— Folga, on landing place .	39 01 28 00	**F. W**	99	4	Red column iron; 16	
38030 *D 2676*	— **Ponta da Barca,** NW. side of island.	39 06 28 03	**Fl. W** .... period 5^s fl. 0.3^s, ec. 4.7^s Cp. 2,700,000	232	22	White cylindrical concrete tower, dwelling attached; 75.	Visible 29°–31°, 35°–251°, 267°–287°.
	TERCEIRA ISLAND:						
38040 *D 2668*	— **Ponta da Serreta,** W. side of island.	38 46 27 23	**Gp. Fl. W. (5)** ...... period 15^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 4.7^s Cp. 200,000	312	24	White square masonry tower, dwelling attached; 36.	Visible 11°–215° at 11 miles.
38050 *D 2669*	— Biscoitos	38 48 27 16	**F. W**	44	5	Black column; 10	
38052 *D 2660*	— Vila Nova	38 47 27 08	**F. W** .... Cp. under 100	34	6	Stone tower; 7	
38055 *D 2661*	— AVIATION LIGHT, SE. of Espartal Point.	38 45 27 05	**Alt. Fl. —W. G** .... period 10^s Cp. 2,500,000	434	28	....	

THE AZORES (P.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TERCEIRA ISLAND:	N. W.					
38060 *D 2662*	— Bahia Praia, Fort Espirito Santo. **U.**	38 44 27 03	**Occ. W**............ period 7^{s} lt. 5^{s}, ec. 2^{s} Cp. 200	126	6	Four white columns; 11....	Visible 220°–352°.
38070 *D 2663*	— — Praia Range, on seawall in front of customhouse, front.	38 44 27 04	**F. R**..............	30	6	Red iron column; 11	
38070.1 *D 2663.1*	— — — Rear, on church 200 yards 321° from front.	....	**F. R**..............	70	6	Red iron column; 49	
38078 *D 2666.1*	— Ponta do San Antonio Range, front.	38 38 27 14	**F. R**..............	96	5	Misericordia Church E. tower; 66	
38078.1 *D 2666.3*	— — Rear, about 0.17 mile 342° from front.	....	**F. R**..............	149	5	Colegio Church, S. corner; 69.	
38080 *D 2666*	— Ponta do San Antonio, E. side of Monte Brazil, Angra Bay.	38 38 27 14	**Gp. Occ. W. (2)** .... period 20^{s} lt. 12.5^{s}, ec. 2.5^{s} lt. 2.5^{s}, ec. 2.5^{s} Cp. 100	69	6	Red iron column, hut; 20 ..	Visible 160°–11° except where obscured by Cabras Islands 279°–285°.
38082 *D 2667*	— Cinco Riberias.........	38 41 27 20	**F. W**..............	......	3	Stone column; 7	A F. W. light is shown at San Mateus and a F. R. at San Fernando.
38088 *D 2665*	— Port Judeu .... point of island.	38 39 27 07	**F. W**..............	90	3	White column; 6	
38090 *D 2664*	— **Ponta Contendas,** SE. point of island.	38 38 27 05	**Gp. Fl. W. (4)**...... period 15^{s} fl. 0.3^{s}, ec. 2.2^{s} fl. 0.3^{s}, ec. 2.2^{s} fl. 0.3^{s}, ec. 2.2^{s} fl. 0.3^{s}, ec. 7.2^{s} Cp. 1,400,000	163	19	White square tower attached to building; 42.	Also serves as aviation light. Visible 220°–88° at 12 miles. Obsc. 73°–79°.
	SAN MIGUEL ISLAND:						
38100 *D 2658*	— **Ponta da Ferraria,** W. side of island.	37 51 25 51	**Gp. Fl.W.(3)** .... period 20^{s} fl. 0.4^{s}, ec. 3.6^{s} fl. 0.4^{s}, ec. 3.6^{s} fl. 0.4^{s}, ec. 11.6^{s} Cp. 2,000,000	348	25	White square tower attached to two-story building; 59.	Visible 339°–174°.
38110 *D 2654*	— Santa Clara, western outskirts of Ponta Delgada. **U.**	37 44 25 41	**Occ. W**............ period 5^{s} lt. 3^{s}, ec. 2^{s} Cp. 3,000	86	14	Red iron skeleton structure; 26.	
	—Ponta Delgada Harbor:						
38120 *D 2644*	— — Head of breakwater. **U.**	37 44 25 40	**Gp. Fl. R. (2)**...... period 10^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 6^{s}	52	10	Red conical masonry tower; 16.	

THE AZORES (P.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SAN MIGUEL ISLAND: — Ponta Delgada Harbor:	N. W.					
38130 *D 2646*	— — E. end of town, front	....	F. G	31	2	Iron column; 9	Two F. R. lights near Matrix Cathedral in range 329° lead into Customs House landing.
38130.1 *D 2648*	— — — Rear, Mai de Deus Church, 220 yards 331° from front.	....	F. G	152	2	Iron column; 10	
38140 *D 2650*	— — Fort S. Braz, near root of breakwater, front.	....	F. R	40	3	....	
38140.1 *D 6552*	— — — Rear, 30 yards 266° from front.	....	F. R	57	3	....	
38148 *D 2642*	— **Ponta da Garca**	37 43 25 22	**Gp. Fl. W. (4)** period 20^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 10^{s} Cp. 4,600	331	16	White cylindrical concrete tower and dwelling; 46.	
38150 *D 2640*	— **Panta do Arnel**, E. side of island.	37 49 25 08	**Fl. W** period 5^{s} fl. 0.2^{s}, ec. 4.8^{s} Cp. 44,000	218	21	White octagonal tower on dwelling; 49.	Visible 157°–355°.
38154 *D 2659*	— **Ponta da Cintraa, (Morra Grande).**	37 51 25 29	**Gp. Fl. W. (2)** period 10^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 6^{s} Cp. 3,800	387	16	White cylindrical concrete tower and dwelling; 46.	
38160 *D 2656*	— Port Capellas, N. side of island.	37 50 25 41	**F. W** Cp. 100	375	6	Red iron hut; 20	
	SANTA MARIA ISLAND:						
38170 *D 2632*	— **Goncala Velha**, on Ponta Castello, SE. point of island.	36 55 25 01	**Gp. Fl. W. (3)** period 15^{s} fl. 0.5^{s}, ec. 2.5^{s} fl. 0.5^{s}, ec. 2.5^{s} fl. 0.5^{s}, ec. 8.5^{s} Cp. 1,900,000	372	26	White quadrangular masonry tower, attached dwelling; 46.	Visible 181°–89° at 10 miles.
38180 *D 2636*	— Ponta de Malmerendo, W. side of entrance to Villa do Porto.	36 56 25 09	**Gp. Fl. W. (3)** period 15^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 8^{s} Cp. 300	162	9	Red iron column, hut; 19	Visible 282°–91°.
38190	— Villa do Porto Range, front.	36 56 25 09	**F. R**	164	5	Signal mast; 29	
38190.1	— — Rear, about 100 yards 17° 30′ from front.	....	**F. R**	188	5	Balcony of white home; 23.	
38200 *D 2634*	— AVIATION LIGHT about 4,040 yards 349° from Ponta de Malmerendo Light.	36 59 25 10	**Alt.—W. G** period 10^{s} Cp. 1,000,000	381	26	....	Visible 21°–121° 30′. Shown during low visibility in daytime.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	THE AZORES (P.)						
		N. W.					
	SANTA MARIA ISLAND:						
38201 *D 2633.5*	— Baia dos Anjos Range, front.	37 00 25 10	**F. W**	40	5	Gray iron post; 13	
38201.1	— — Rear, about 100 yards 180° front.	....	**F. W**	67	5	Gray iron post; 13	
38202 *D 2633*	— Ponta do Norte .... **U.**	37 01 25 04	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 200	454	9	White hexagonal column on hut; 10.	
38204 *D 2632.5*	— Carneiro da Aveia Preta Point.	37 00 25 03	**F. W**	53	5	Gray iron hut; 13	
38206 *D 2632.3*	— Range, front, on N. extremity of Casa Andrade.	36 59 25 03	**F. W**	76	5	Iron post; 13	
38206.1 *D 2632.4*	— — Rear, about 55 yards 270° from front.	....	**F. W**	118	5	Iron post; 13	
38210 *D 2638*	Roscas Formigas	37 16 24 46	**Gp. Fl. W. (2)** period 20^s fl. 0.7^s, ec. 4.0^s fl. 0.7^s, ec. 14.6^s Cp. 5,000	72	14	Conical masonry tower; 62.	
	MADEIRA ISLANDS (P.)						
	MADEIRA ISLAND:						
38215 *D 2754*	— Ilheu Mole, highest part .	32 52 17 10	**Fl. —W. R** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 100	212	W. 6 R. 4	Hexagonal tower; 11	R. 116°–127° over Baixas do Moniz, W. — 116°.
38220 *D 2752*	— **Ponta do Pargo,** W. end of island.	32 48 17 16	**Gp. Fl. W. (3)** period 20^s fl. 0.5^s, ec. 2.8^s fl. 0.5^s, ec. 2.8^s fl. 0.5^s, ec. 12.9^s Cp. 3,900,000	1022	39	Quadrangular masonry tower, attached dwelling; 46.	Reserve light visible 30 miles.
38230 *D 2750*	— Paul do Mar	32 45 17 13	**F. R** Cp. under 100	50	5	White concrete column; 39.	
38240 *D 2746*	— Ribeira Brava, S. side of island.	32 40 17 04	**F. W** Cp. under 100	108	5	Red concrete hut; 7	
38250 *D 2744*	— Camara de Lobos, W. side of bay.	32 39 16 58	**Occ. R** period 6^s lt. 4^s, ec. 2^s Cp. 100	68	4	White concrete hut; 7	Visible 304°–99°.
	— Funchal:						
38260 *D 2738*	— — Head of breakwater .. **U.**	32 39 16 55	**Fl. R** period 5^s fl. 1.5^s, ec. 3.5^s Cp. 100	48	7	Square tower on concrete shed; 16.	A F. R. light is shown at the boat landing.
38265 *D 2740*	— — Citadel pier, outer head.	....	**F. R**	42	1	Post; 13	

No.	Name and location	Position lat. long. ° '	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	MADEIRA ISLANDS (P.)						
	MADEIRA ISLAND: — Funchal:	N. W.					
38270 *D 2734*	— — Fort Santiago, front . .	. . . .	**F. G** . . . . Cp. 100	52	3	Iron column; 13	Range lights mark the W. limit of prohibited anchorage.
38270. 1 *D 2736*	— — — Rear, tower of church.	. . . .	**F. G** . . . . Cp. 100	109	3	Tower of church; 49	Private lights.
38280 *D 2728*	— Sao Rogue, Machico Bay, E. side of island.	32 42 16 46	**F. — W. R** . . . . Cp. 1, 000	23	W. 10 R. 8	Concrete on red hut; 33	R. 230°–265°, W. – 230°.
38290 *D 2730*	— — Near landing pier	. . . .	**F. G**	20	2	Red column; 8	Obscured by NE. point of bay.
38300 *D 2726*	— **Punta San Lourenco (Fora Island),** off E. end Madeira Island.	32 44 16 39	**Fl. W** . . . . period 5^s fl. 0.3^s, ec. 4.7^s Cp. 1,400,000	340	25	White octagonal tower on dwelling; 33.	
38302 *D 2755*	— **San Jorge**	32 50 16 54	**Gp. Fl. W. (2)** . . . . . . period 10^s fl. 1^s, ec. 2^s fl. 1^s, ec. 6^s Cp. 4,200	885	16	Cylindrical tower, attached dwelling; 46.	
38304 *D 2725*	Chao Island on N. extremity.	32 35 16 33	**Gp. Fl. W. (2)** . . . . . . period 15^s fl. 2^s, ec. 2^s fl. 2^s, ec. 9^s Cp. 500	364	10	Cylindrical tower near dwelling; 46.	
	PORTO SANTO ISLAND:						
38310 *D 2756*	— **Cima Islet,** E. side of island.	33 03 16 16	**Gp. Fl. W. (3)** . . . . . . period 15^s fl. 0.2^s, ec. 2.8^s fl. 0.2^s, ec. 2.8^s fl. 0.2^s, ec. 8.8^s Cp. 3, 200, 000	393	27	White quadrangular masonry tower, attached dwelling; 49.	
38320 *D 2758*	— Porto de Cima, S. side of island.	33 03 16 19	**F. W** . . . . Cp. under 100	22	6	Iron column; 17	
38322 *D 2759*	— Porto Santo Bay Range, front.	33 03 16 20	**F. R** . . . . Cp. 100	20	4	White concrete pillar; 8 . . .	
38322.1 *D 2760*	— — Rear, 0.26 miles 325° from front.	. . . .	**F. R**	157	4	White concrete pillar on a balcony; 8.	
38324 *D 2762*	Ferro Island	33 02 16 24	**Fl. W** . . . . period 15^s fl. 3^s, ec. 12^s Cp. 500	422	10	Cylindrical tower and dwelling; 46.	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CANARY ISLANDS (S.)						
		N. W.					
38330 *D 2846*	PALMA ISLAND: — **Cumplida Point,** NE. point of island.	28 50 17 47	**F. Fl. W** .... period 45^{s} F. 42.1^{s}, Fl. 2.9^{s}	202	Fl. 20 F. 14	Dark gray conical tower, white lantern; 112.	Visible over an arc of 239° between Point Gaviota and Point Barlovento. Shown from 45 minutes after sunset to 45 minutes before sunrise.
38340 *D 2848*	— Santa Cruz, head of mole, E. side of island.	28 40 17 45	**Fl. G** .... period 2.5^{s} fl. 0.7^{s}, ec. 1.8^{s}	30	10	Gray cylindrical concrete tower; 10.	
38350 *D 2850*	— **Fuencaliente Point,** S. end of island.	28 26 17 50	**Gp. Fl. W. (3)** ...... period 10.3^{s} fl. 0.9^{s}, ec. 1.0^{s} fl. 0.9^{s}, ec. 1.0^{s} fl. 0.9^{s}, ec. 5.6^{s}	113	15	Gray cylindrical tower, square white building; 52.	Visible over an arc of 260°.
38360 *D 2838*	HIERRO ISLAND: — Puerto Hierro, head of mole.	27 46 17 54	**F. G**	21	1	Metal post	
38370 *D 2836*	— **Punta Orchilla,** SW. side of island.	27 42 18 10	**Fl. W** .... period 5^{s} fl. 0.3^{s}, ec. 4.7^{s}	428	28	Gray octagonal masonry tower, square base, white dwelling; 84.	Shown from 45 minutes after sunset to 45 minutes before sunrise. *Period irregular.*
38380 *D 2842*	**Gomera Island,** Punta San Cristobal Point, E. side of island.	28 06 17 06	**Gp. Fl. W. (2)** ...... period 10^{s} fl. 0.3^{s}, ec. 2.3^{s} fl. 0.3^{s}, ec. 7.1^{s}	241	22	White conical tower, attached dwelling; 19.	A F. G. light is shown from molehead at Puerto de San Sebastian.
38390 *D 2828*	TENERIFE ISLAND: — **Punta Abona,** SE. side of island.	28 09 16 26	**Gp. Fl. W. (3)** ...... period 10^{s} fl. 0.3^{s}, ec. 1.7^{s} fl. 0.3^{s}, ec. 1.7^{s} fl. 0.3^{s}, ec. 5.7^{s}	68	14	Pale yellow tower and dwelling, green cupola; 21.	Visible 210°–39° 30′. Shown from 45 minutes after sunset to 45 minutes before sunrise.
38400 *D 2830*	— **Punta Rasca,** SW. extremity of island.	28 00 16 41	**Gp. Fl. W. (3)** ...... period 18^{s} fl. 1.2^{s}, ec. 4^{s} fl. 1.2^{s}, ec. 4^{s} fl. 3.6^{s}, ec. 4^{s}	71	14	Gray cylindrical tower, octagonal lantern; 21.	
38410 *D 2832*	— **Punta Tena,** NW. extremity of island.	28 21 16 56	**Gp. Fl. W. (3)** ...... period 15^{s} fl. 1.3^{s}, ec. 4.0^{s} fl. 1.3^{s}, ec. 4.0^{s} fl. 0.4^{s}, ec. 4.0^{s}	148	16	Gray tower, octagonal lantern, square white dwelling; 21.	
38420 *D 2820*	— **Anaga,** Roque Bermejo Point, NE. end of island.	28 35 16 08	**Gp. Fl. W. (6)** ...... period 30^{s} fl. 0.4^{s}, ec. 2.5^{s} fl. 0.4^{s}, ec. 8.8^{s} fl. 0.4^{s}, ec. 2.5^{s} fl. 0.4^{s}, ec. 2.5^{s} fl. 0.4^{s}, ec. 2.5^{s} fl. 0.4^{s}, ec. 8.8^{s}	806	30	Gray conical tower, white lantern; 39.	Shown from 45 minutes after sunset to 45 minutes before sunrise.
38430 *D 2821*	— **Las Radeos,** AVIATION LIGHT.	28 29 16 17	**Gp. Fl. W. (2)** ...... period 5^{s}	2200	55	Iron tower; 46...........	**Radiobeacon:** 28° 28′ 50″ N., 16° 15′ 45″ W.

All lights under Spanish control are lighted a quarter of an hour after sunset and extinguished a quarter of an hour before sunrise, except as noted under "Remarks."

CANARY ISLANDS (S.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TENERIFE ISLAND: — Santa Cruz:	N. W.					
38440 *D 2826*	— — Dique del Este	28 29 16 12	**F. G**	28	2	....	
38442	— — Range, front	....	**3 F. W.** (vert.)	28	1	White and red wooden post with cross topmark; 19.	
38442.1	— — — Rear, about 1,100 yards 3° from front.	....	**3 F. W.** (vert.)	72	1	White and red wooden post with cross topmark; 19.	
38460 *D 2826*	— — Dique del Sur, head of breakwater.	....	**Gp. Fl. R. (2)** period 5^{s} fl. 0.6^{s}, ec. 0.6^{s} fl. 0.6^{s}, ec. 3.2^{s}	35	11	Cylindrical tower	
38470 *D 2824*	— — Head of N. mole	28 28 16 14	**Fl. G** period 2.5^{s} fl. 0.7^{s}, ec. 1.8^{s}	17	7	Hut	
	GRAN CANARIA ISLAND:						
38480 *D 2816*	— **Punta Sardina**, NW. extremity of island.	28 10 15 43	**Gp. Occ. W. (4)** period 16^{s} lt. 3^{s}, ec. 2^{s} lt. 3^{s}, ec. 2^{s} lt. 1^{s}, ec. 2^{s} lt. 1^{s}, ec. 2^{s}	100	16	White cylindrical tower, gray lantern on corner of dwelling; 22.	
38490 *D 2798*	— **Isleta Peninsula**, NE. point of island.	28 11 15 25	**Gp. Fl. W. (4)** period 20^{s} fl. 0.3^{s}, ec. 2.5^{s} fl. 0.3^{s}, ec. 2.5^{s} fl. 0.3^{s}, ec. 6.9^{s} fl. 0.3^{s}, ec. 6.9^{s}	812	30	Dark gray conical tower, white lantern; 31.	Up to a distance of 6 miles a W. light may be distinguished in interval between flashes.
38500 *D 2802*	— La Luz Harbor, head of E. breakwater (Dique del Generalissimo Franco).	28 08 15 25	**Gp. Fl. G. (3)** period 12^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 5^{s}	62	9	Octagonal brick tower	Visible 340°–188°.
38510	— — E. Basin Range, head of basin, front.	....	**3 F. W.** (triangularly disposed).	......	.....	Wooden post, triangular-shaped topmark; 21.	
38510.1	— — — Rear, 80 yards 1° from front.	....	**3 F. W.** (triangularly disposed).	......	.....	Wooden port, triangular-shaped topmark; 38.	
38520 *D 2804*	— — Head of Muelle de Santa Catalina.	28 08 15 25	**F. R**	31	2	Black iron post, hut	F. R. lights, visible 1 mile, are shown from N. and S. ends of Muelle Virgen del Pino.
38530 *D 2806*	— Las Palmas, near head of mole.	28 07 15 25	**F. R**	18	2	Iron post; 15	
38540 *D 2810*	— **Port Gando** AVIATION LIGHT.	27 56 15 21	**Fl. W** period 4^{s}	362	20	Truncated masonry tower; 26.	*Occasional.*
38550 *D 2812*	— **Punta Arinaga**, on small hill, SE. side of island.	27 52 15 23	**F. R**	149	12	Red cylindrical tower, white dwelling and lantern; 21.	Visible 212°–32°. 8 F. R. (quadrangle) lights are shown from a beacon about 0.6 mile 306°.

All lights under Spanish control are lighted a quarter of an hour after sunset and extinguished a quarter of an hour before sunrise, except as noted under "Remarks."

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

CANARY ISLANDS (S.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
	GRAN CANARIA ISLAND:						
38560 *D 2814*	— **Maspalomos, Morro Colchos,** S. extremity of island.	27 44 15 35	**Gp. Occ. W. (2)** .... period 10^s lt. 5.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s	190	20	Bluish gray conical tower, white lantern; 184.	Visible 251°30′–93°.
	FUERTEVENTURA ISLAND:						
38570 *D 2790*	— **Punta Jandia,** SW. extremity of island.	28 03 14 31	**Fl. W** .... period 4^s	103	16	Gray conical tower, dwelling; 62.	Visible 276°–190°.
38580 *D 2796*	— Puerto de Gran Tarajal on mole.	28 12 14 01	**Fl. G** .... period 3^s fl. 0.3^s, ec. 2.7^s	......	.....	....	
38582 *D 2795*	— **Punta Lantailla**	28 13 13 56	**Gp. Fl. W. (3)** ...... period 18^s fl. 0.4^s, ec. 1.2^s fl. 0.4^s, ec. 7.8^s fl. 0.4^s, ec. 7.8^s	643	30	Tower; 39	Obscured from shore–228°.
38590 *D 2794*	— Puerto del Rosario, head of mole.	28 29 13 52	**Fl. G** .... period 3^s fl. 0.3^s, ec. 2.7^s	20	4	Metal column; 20	
38600 *D 2792*	— **Punta Toston,** Ballena Point, NW. side of island.	28 42 14 01	**Gp. Fl. W.(2)** ...... period 10^s fl. 0.5^s, ec. 1^s fl. 2.1^s, ec. 6.4^s	31	10	White cylindrical tower, dwelling; 20.	Visible from Point Esquinzo to about 0.5 mile N. of Marralo Point.
38610 *D 2786*	**Lobos Island,** Ponta Martino, off NE. side of Fuerteventura Island.	28 45 13 49	**Gp. Fl. W. (2)** ...... period 5^s fl. 0.3^s, ec. 1.0^s fl. 0.3^s, ec. 3.4^s	90	14	Yellow conical tower, white octagonal lantern; 21.	Visible 83°–353°.
	LANZAROTE ISLAND:						
38620 *D 2782*	— **Punta Pechiguera,** SW. extremity of island.	28 51 13 52	**Gp. Fl. W. (4)** ...... period 11^s fl. 0.5^s, ec. 1^s fl. 0.5^s, ec. 1^s fl. 0.5^s, ec. 3^s fl. 0.5^s, ec. 3^s	47	13	Gray conical tower, white octagonal lantern; 31.	Visible 283°–146°.
38630 *D 2775*	— Rada de Arrieta, head of mole.	29 08 13 27	**F. W**	......	3	....	
38640 *D 2776*	— Puerto Naos, SE. Pass Range, front.	28 58 13 32	**F. W**	31	9	Green column, octagonal base, white lantern; 20.	Visible 240°–60°.
38640.1 *D 2778*	— — Rear, 123 yards from front.	....	**F. R**	40	6	Green column, octagonal base, white lantern; 20.	
38650 *D 2779*	— — Head of mole	28 58 13 32	**F. W**	......	1	....	
38660 *D 2780*	— Puerto Arrecife, head of breakwater.	....	**Gp. Fl. G. (2)** ...... period 6^s fl. 0.3^s, ec. 0.4^s fl. 0.3^s, ec. 5^s	29	10	Aluminum skeleton structure; 21.	

All lights under Spanish control are lighted a quarter of an hour after sunset and extinguished a quarter of an hour before sunrise, except as noted under "Remarks."

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
CANARY ISLANDS (S.)							
38670 *D 2781*	LANZAROTE ISLAND: — — Head of mole, about 585 yards 350° from light on head of breakwater.	N. W. 28 58 13 32	**F. W**	......	3	....	
38680 *D 2772*	**Alegranza Island,** Punta Delgada, E. side of island.	29 24 13 29	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	52	12	Dark gray conical tower, white lantern; 49.	Visible 135°–45°.
CAPE VERDE ISLANDS (P.)							
38690 *D 2958*	SAO ANTAO (ST. ANTONIO) ISLAND: — Porto dos Carvoeiros, SE. side of island.	17 01 25 04	**F. R**	46	2	White masonry tower, red lantern on customhouse wall; 14.	
38700 *D 2950*	— **Fantes Pereira de Melo (Ponta de Tumba),** NE. side of island.	17 07 24 58	**F., Fl.—W** period 58^{s} fl. 11^{s}, F. 47^{s} Cp. F. 1,200 Fl. 43,000	531	Fl. 27 F. 15	White octagonal masonry tower, dwelling; 52.	Visible 141°–321°.
38710 *D 2952*	— Ponta do Sol, N. point of island.	17 12 25 06	**F. W** Cp. under 100	36	7	Concrete hut, masonry base; 28.	Visible 110°–250°.
38720 *D 2954*	— **Ponta Mangrade (Panta Oeste),** W. side of island. **U.**	17 03 25 22	**Gp. Fl. W. (2)** period 10^{s} fl. 0.4^{s}, ec. 1.6^{s} fl. 0.4^{s}, ec. 7.6^{s}	367	13	White hut red lantern; 13...	Visible 5° – 200°.
38730 *D 2946*	SAO VICENTE (ST. VINCENT) ISLAND: — **D. Amelia (Panta do Machada),** W. point of San Pedro Bay, SW. point of island.	16 50 25 05	**Fl. W** period 9^{s} fl. 3^{s}, ec. 7^{s} Cp. 900	182	13	White square masonry tower, dwelling; 46.	Visible 302°–172°.
38740 *D 2942*	— **D. Luiz (Isla da Possaro),** Porto Grande entrance, NW. side of island. **U.**	16 55 25 01	**Gp. Fl. W. (3)** period 10^{s} fl. 0.3^{s}, ec. 1.2^{s} fl. 0.3^{s}, ec. 1.2^{s} fl. 0.3^{s}, ec. 6.7^{s} Cp. 600	283	12	White truncated hexagonal pyramid, red lantern; 15.	Obscured 258°–57° and 91°–196°. **Bell.** Semaphore station.
38750 *D 2945*	— Porto Grande, Cable station.	16 53 25 00	**F. W.G** Cp. 200	16	W. 9 G. 6	Column; 10	W. 49°–94°, G.–154°.
38760 *D 2944*	— Porto Grande, Mindello, extremity of customhouse pier.	16 53 24 59	**F. R**	21	5	Gray iron structure, concrete base; 20.	
38762	— — Head breakwater, under construction.	......	**Qk. Fl. R**	10	2	....	
38870 *D 2934*	SAO NICOLAU (ST. NICHOLAS) ISLAND: — **Panta do Barril,** W. side of island.	16 36 24 25	**F. W** Cp. 900	42	12	White quadrangular truncated pyramid near dwelling; 30.	Visible 320°–150°.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CAPE VERDE ISLANDS (P.)						
		N. W.					
	SAO NICOLAU (ST. NICHOLAS) ISLAND:						
38780 *D 2936*	— Porto Velho (Preguica), SE. side of island.	16 34 24 17	F. W Cp. under 100	126	7	Gray iron hut, masonry base; 23.	Visible 285°–15°.
38790	— — Head of mole		F. R		2	White concrete column; 7	
38800 *D 2930*	— **Ponta Leste,** E. end of island. U.	16 34 24 00	Gp. Fl. W. (4) period 10^s fl. 0.3^s, ec. 1.2^s fl. 0.3^s, ec. 1.2^s fl. 0.3^s, ec. 1.2^s fl. 0.3^s, ec. 5.2^s	237	14	White truncated iron quadrangular pyramidal tower, red lantern, concrete base; 14.	Visible 140°–30°.
	SAL ISLAND:						
38812 *D 2921*	— Baia da Palmeira, range front. U.	16 45 22 59	F. R Cp. under 100	30	3	Red post; 23.	
38812. 1 *D 2920*	— — Rear, 44° from front. U.		F. W Cp. under 100	52	5	Red post; 36	
38820 *D 2922*	— Ponta do Sino, 328 yards within extremity.	16 35 22 55	F. W Cp. under 100	35	7	Truncated quadrangular masonry pyramid; 30.	Visible 300°–142°.
38830 *D 2924*	— Ponta de Vera Cruz, Porto Santa Maria.	16 36 22 54	F. R	17	3	Gray iron structure; 13	Visible 300°–49°.
38840	— **Morro da Curral** AVIATION LIGHT, on 354-foot summit.	16 46 22 57	Alt. Fl. — W. G period 10^s	361	25		*Occasional.* Range lights are shown in Porto Pedro de Luma.
	BOAVISTA ISLAND (ISLA DE SAL REI):						
38850 *D 2918*	— **Calheta do Velho, Ponta Escumo,** W. side of island.	16 10 22 57	F. W Cp. under 100	83	8	Iron hut with support partly enclosed in concrete; 25.	Visible 8°–178°. A F. R. light visible 2 miles, is shown on pier.
38860 *D 2916*	— **Ponta do Sol** U.	16 13 22 56	Gp. Fl. W. (2) period 10^s fl. 0.4^s, ec. 1.6^s fl. 0.4^s, ec. 7.6^s Cp. 1,000	368	14	White hut, red lantern; 13	Visible 17°–272°.
38870 *D 2914*	— **Morro Negro,** E. side of island.	16 06 22 41	Fl. W period 2^s fl. 0.3^s, ec. 1.7^s Cp. 11,000	532	21	Small white quadrangular concrete tower on dwelling; 39.	Visible 163°–35°. A F. R. light, visible 3 miles, is shown on the pier.
38880 *D 2872*	**Forte de S. Jose (Maio Island),** NNE. angle of Fort at Porto Ingles.	15 08 23 13	F. R Cp. under 100	62	5	Black iron hut, masonry base; 23.	Visible 315°–130°.
	SAO TIAGO ISLAND:						
38890 *D 2876*	— **Maria Pia (Ponta Temeroso),** SE. side of island.	14 54 23 31	Gp. Fl. W. (2) period 10^s fl. 0.4^s, ec. 1.6^s fl. 0.4^s, ec. 7.6^s Cp. 200	82	10	White octagonal masonry dwelling, tower; 69.	Visible 258°–95°. Semaphore station.
38900 *D 2878*	— Porto Praia, head of customhouse mole, front.	14 54 23 31	F. R	19	2	Red iron framework structure; 10.	
38900.1 *D 2880*	— — Rear, 0.11 mile 303° 30′ from front.		F. R	40	2	Customhouse W. corner of building.	

CAPE VERDE ISLANDS (P.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
	SAO TIAGO ISLAND:						
38910 *D 2882*	Ponta do Lobo, near E. extremity of island.	14 59 23 26	**F. W**. . . . . Cp. under 100	56	8	Quadrangular truncated prismatic tower near dwelling; 30.	Visible 190°–335°.
38920 *D 2888*	— **Ponto Moreiro,** N. end of island. **U.**	15 20 23 45	**Gp. Fl. W. (6)** . . . . . . period 20^s fl. 0.3^s, ec. 1.5^s fl. 0.3^s, ec. 1.5^s fl. 0.3^s, ec. 1.5^s fl. 0.3^s, ec. 1.5^s fl. 0.3^s, ec. 1.5^s fl. 0.3^s, ec. 10.7^s Cp. 900	318	14	White iron quadrangular hut, red lantern; 13.	Visible 55°–275°.
38930 *D 2890*	— **Ponto Preto,** NW. side of entrance to Tarrafal Bay.	15 18 23 46	**F. W**. . . . . Cp. under 100	123	8	White hut, support, masonry base; 23.	A F. R. light, visible 2 miles, is shown from Tarrafal Pierhead.
38940 *D 2884*	— Ribeira de Barca	15 07 23 46	**F. R**.	19	2	Red iron structure; 10	Visible 80° – 121°.
	BRAVA ISLAND:						
38950 *D 2908*	— Ponta da Jalunga, entrance to Furna Cove.	14 53 24 41	**F. W**. . . . . Cp. under 100	77	7	Gray lantern on white masonry column; 26.	Visible 187° –7°. A F. R. light is shown at Furna.
38955 *D 2910*	— **Ponta Nho Martinho,** S. point of island. **U.**	14 49 24 43	**Gp. Fl. W. (4)** . . . . . . period 20^s fl. 0.4^s, ec. 1.6^s fl. 0.4^s, ec. 1.6^s fl. 0.4^s, ec. 1.6^s fl. 0.4^s, ec. 13.6^s Cp. 1,000	1113	13	White hut, concrete base, red lantern; 13.	Visible 247° – 100°.
	FOGO ISLAND:						
38960 *D 2900*	— Fortim Carlota (Sao Filipe), in the Port of Vila.	14 53 24 31	**F. R**.	119	2	Red iron post on wall of fort; 15.	Visible 310°–150°.
38970 *D 2898*	— **Ponto do Alcatroz**	14 50 24 19	**Fl. W** . . . . period 5^s fl. 0.5^s, ec. 4.5^s	443	13	White truncated square pyramidal iron hut, red lantern, concrete base; 13.	Visible 225°–45°.
38990 *D 2904*	Ilheu de Cima . . . . **U.**	14 58 24 39	**Gp. Fl. W. (3)** . . . . . period 20^s fl. 0.6^s, ec. 2.5^s fl. 0.6^s, ec. 2.5^s fl. 0.6^s, ec. 13.2^s Cp. 800	262	13	White square truncated pyramidal hut, concrete base, red lantern; 15.	Obscured 252°–304°, and 10°–47°.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			SPANISH SAHARA				
		N. W.					
39000 *D 2617*	Tan Tan anchorage about 875 yards S. of Govt. warehouse.	28 30 11 21	**Gp. Fl. W. (3)** ...... period 10^{s} fl. 0.3^{s}, ec. 1.0^{s} fl. 0.3^{s}, ec. 1.0^{s} fl. 0.3^{s}, ec. 7.1^{s}	95	8	White quadrangular tower; 13.	
39020 *D 2618*	— On fort	27 57 12 56	**Gp. Fl. R. (2)** ...... period 8^{s} fl. 0.3^{s}, ec. 1.2^{s} fl. 0.3^{s}, ec. 6.2^{s}	11	6	Fort	**Radiobeacon.**
39030 *D 2622*	Aiun, about 7 miles S. of Hi Bahli.	27 06 13 17	**Fl. W** .... period 5^{s} fl. 0.3^{s}, ec. 4.7^{s}	30	8	....	
39034 *D 2624*	**Cape Bojador**	26 07 14 27	**Fl. W** .... period 5^{s} fl. 0.4^{s}, ec. 4.6^{s}	232	22	Masonry tower on dwelling; 148.	
39036	— About 1,420 yards 287° from No. 39034.	....	**Fl. R** .... period 5^{s} fl. 1^{s}, ec. 4^{s}	30	6	Triangular stone pyramid; 20.	
39040 *D 2972*	Villa Cisneros, Oro River, on Arcipres Grande.	23 44 15 57	**Fl. W** .... period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	99	10	Tower attached to fort; 40.	Visible 45°–225°. F. R. and Yellow lights mark radio masts.
39050 *D 2974*	**Villa Cisneros:**—E. side of airfield.	23 42 15 56	**Fl. W** .... period 11.7^{s} fl. 1.7^{s}, ec. 10^{s}	39	12	Wooden tower; 31	Obscured 29°–50°, 119°–134°. Shown from 2200 to 0600. **Radiobeacon.** A Gp. Fl. R. (2) ev. 8^{s} *(occasional)* is located 0.7 mile 150°.
39060 *D 2973*	**Punta Durnford,** on extremity of Peninsula del Rio de Oro.	23 38 16 00	**Gp. Fl. R. (2)** ...... period 8^{s} fl. 0.3^{s}, ec. 1.2^{s} fl. 0.3^{s}, ec. 6.2^{s}	39	W. 9 R. 8	Gray pyramidal masonry tower; 23.	W. 15°–95°, R.–15°.
39062	Pta. Argut (El Argub)	23 37 15 53	**Fl. W. R** .... period 5^{s} fl. 0.3^{s}, ec. 4.7^{s}	30	6	White rectangular hut; 13..	R. 130°–160°, W.–178°, R.–208°, obscured elsewhere.
	BAIE DU LEVRIE:						
39070 *D 2975*	— N. point of entrance	23 07 16 10	**Gp. Fl. W. (4)** ...... period 10^{s} fl. 0.3^{s}, ec. 1.0^{s} fl. 0.3^{s}, ec. 1.0^{s} fl. 0.3^{s}, ec. 1.0^{s} fl. 0.3^{s}, ec. 5.8^{s}	48	10	Hexagonal masonry tower; 33.	
39080	— Range, front	23 03 16 08	**Fl. W** .... period 5^{s} fl. 0.3^{s}, ec. 4.7^{s}	39	10	Square masonry tower; 20 .	
39080.1	— — Rear, 90° from front..	....	**Occ. W** .... period 4^{s} lt. 2^{s}, ec. 2^{s}	70	12	Square masonry tower; 23 .	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			SPANISH SAHARA				
39090 *D 2977*	Presq ile du Cap Blanc, Punta de la Guera.	N. W. 20 50 17 06	**Fl. R** . . . . period 5^s fl. 0.3^s, ec. 4.7^s	44	10	White square masonry tower.	Visible 267°–177°.
39100	— Beacon	. . . .	**Gp. Occ. W. (2)** . . . . period 9^s lt. 4.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s	. . . . . .	. . . . .	. . . .	
39110	— *Entrance Lighted Whistle Buoy.*	20 40 17 05	**Gp. Fl. W. (2)** . . . . . . period 9^s fl. 1.5^s, ec. 1.5^s fl. 1.5^s, ec. 4.5^s	. . . . . .	. . . . .	Red and white banded buoy.	**Radar reflector.**
			MAURITANIA				
39120 *D 2976*	**Cap Blanc,** near SE. extremity of cape.	20 46 17 03	**Fl. W** . . . . period 5^s	141	18	Octagonal tower, black and white bands, black lantern; 66.	
39130 *D 2978*	**Pointe de Cansado,** inside Levrier Bay.	20 51 17 02	**Fl.—W. R** . . . . period 1.5^s	52	12	Cupola of white house; 16.	R. 300°–358°, W.–300°.
39140 *D 2980*	PORT ETIENNE: — NW. side of Cansado Bay.	20 54 17 03	**Occ.—W. R. G** . . . . . period 4^s lt. 2^s, ec. 2^s Cp. W. 3,000 R. 600 G. 375	33	10	White pylon; 24	G. from land to 270°, W.–283°, R. to land.
39160 *D 2982*	— AVIATION LIGHT	20 56 17 02	**Gp. Fl. W. (2)** . . . . . . period 15^s fl. 0.3^s, ec. 2.0^s fl. 0.3^s, ec. 12.4^s Cp. 3,000	23	9	White blockhouse	*Occasional.* **Radiobeacon.**
			SENEGAL				
39180 *D 2998*	**St. Louis Grandiole,** near pilot station.	15 54 16 31	**Gp. Occ. W. (3)** . . . . period 12^s lt. 4.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s	79	14	Tower, white and black bands.	The Senegal River is marked by several R. and G. lights.
39190 *D 3002*	Almadi Point, N. side of Cap Vert. **U.**	14 45 17 33	**Occ. W** . . . . period 6^s lt. 4^s, ec. 2^s	46	10	White cylindrical tower, black bands.	
39200 *D 3004*	**Cap Vert (Verde),** W. mound.	14 43 17 31	**Fl. W** . . . . period 5^s	370	26	White cylindrical tower; 66.	May be confused with Cap Manuel Light in hazy weather. **Radiobeacon:** R. aviation light on top of same tower shows Morse letter M every 2^s.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SENEGAL						
39210 *D 3008*	**Cap Manuel,** entrance Goree Bay.	N. W. 14 39 17 27	**Fl. R** period 5^s	171	19	White square tower on dwelling, red pillars; 39.	Obscured over Madeleine Island. May be confused with Cap Vert Light in hazy weather.
D 3010			**F.—W. R**	167		Square tower	R. 83°–128° over Madeleine Island, and 204°–254°, W. elsewhere.
	DAKAR:						
39220 *D 3017*	— Ile de Goree, S. end	14 40 17 24	**Gp. Occ. (2) W. R** period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. W. 3,000 R. 600	82	14	White square tower; 10	W. 207°–62°, R.–87°.
39230 *D 3012*	— Head of N. breakwater, 1,200 yards 14° from Dakar Fort.	14 41 17 25	**Occ. G** period 4^s lt. 2^s, ec. 2^s	26	12	Square white tower, octagonal lantern; 10.	
39240 *D 3014*	— Jetee du Sud, head of S. jetty.	14 41 17 25	**Gp. Occ. R. (4)** period 12^s lt. 5^s, ec. 1^s lt. 1^s, ec. 1^s fl. 1^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 600	36	11	Round red lantern; 13	
39250	— Head of Arsenal Wharf		**F., W., F. R.** (vert.)				
39255 *D 3012*	— Chenal des Arachides Range, front.	14 41 17 26	**F. G**				
39255.1	— — Rear, about 365 yards 345° from front.		**F. G**				
39260 *D 3016*	— Airport, head of mole	14 42 17 25	**2 F. R.** (vert.)			Post	**Radiobeacon.**
39270 *D 3018*	Rufisque, N. side of Gorce Bay.	14 43 17 17	**F. G**	39	11	Lantern on white house	
39280 *D 3019*	Joal	14 09 16 50	**Occ. W** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 500	46	11	Red and white banded pylon; 43.	
39290	*Saloum Entrance Lighted Whistle Buoy.*	13 50 16 50	**Fl. W** period 6^s fl. 1.5^s, ec. 4.5^s			Buoy, red and white stripes.	**Radar reflector.**
	GAMBIA (BR.)						
39300 *D 3034*	**Bijol Islands,** on SW. island, off Bald Cape. **U.**	13 23 16 48	**Gp. Fl. W. (3)** period 15^s fl. 0.5^s, ec. 1.5^s fl. 0.5^s, ec. 1.5^s fl. 0.5^s, ec. 10.5^s	55	12	Black steel tower, upper part white; 50.	The Gambia River entrance is marked by buoys showing Fl. R. and Fl. W. lights.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GAMBIA (BR.)						
		N. W.					
39310 *D 3036*	*Gambia River Fairway No. 1 Light and Bell Float.*	13 32 16 54	**Fl. W** period 10^{s}	24	6	Red hull	**Bell.** The channel to the entrance is marked by light buoys showing Fl. R. and Fl. W. lights.
39320 *D 3037*	— *Middle Light and Bell Float No. 2.*	13 32 16 48	**Gp. Fl. W. (2)** period 15^{s} fl. 1^{s}, ec. 2^{s} fl. 1^{s}, ec. 11^{s}	24	6	Red hull	
39330 *D 3028*	Bathurst on observation spot.	13 27 16 34	**Fl. W** period 10^{s} fl. 1^{s}, ec. 9^{s}	55	10	White steel mast with black bands and wooden topmark; 20.	**Radiobeacon.** F. R. lights on the tops of the radio masts.
39340 *D 3026*	Barra Point, NW. corner of fort. **U.**	13 29 16 33	**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	35	6	Small concrete tower	
39342 *D 3030*	— James Island	13 19 16 22	**Fl. W** period 14.5^{s}	26	.....	White steel framework structure; 21.	
	SENEGAL						
39350	Kasamanze River, *Entrance Lighted Whistle Buoy.*	12 36 16 54	**Gp. Fl. W(2)** period 6^{s} fl. 1^{s}, ec. 1^{s} fl. 1^{s}, ec. 3^{s}	......	.....	Black and white striped buoy X topmark.	**Radar reflector.**
39360 *D 3038*	Kasamanze River, Pointe Diogue (Jogue Point).	12 35 16 48	**F. W**	66	12	Pylon with 2 rectangular daymarks, upper part black, lower part white; 60.	Signal station.
	PORTUGUESE GUINEA						
39368 *D 3040*	**Cabo Raxo** **U.**	12 20 16 47	**Fl. W** period 8^{s} fl. 0.7^{s}, ec. 7.3^{s} Cp. 1, 300	82	15	White square framework tower.	
	CACHEU (CACHEO) RIVER:						
39370 *D 3042*	— Cape Mata **U.**	12 10 16 19	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	46	5	White cylindrical iron tower on two superposed pyramids; 43.	
39380 *D 3044*	— Cacheo Fort (Baluarte de San Fernando). **U.**	12 17 16 10	**Fl. W** period 10^{s} fl. 0.5^{s}, ec. 9.5^{s}	43	5	White cylindrical tower, pyramidal base; 30.	
	JEBA RIVER:						
39390	— *Jeba River Lighted Buoy.*	11 49 16 43	**Fl. W** period 4^{s}	......	10	Black can buoy	
39400 *D 3050*	— **Caya (Caia) Island,** on middle Cayo Island, N. side of Jeba River entrance. **U.**	11 50 16 19	**Gp. Fl. W. (2)** period 10^{s} fl. 0.7^{s}, ec. 0.3^{s} fl. 0.7^{s}, ec. 8.3^{s} Cp. 27,500	127	17	White cylindrical stone tower, black bands.	**Radiobeacon.**
39410	— — E. side Cayo Island, head of mole.	11 50 16 19	**F. R**	20	2	Iron post	

PORTUGUESE GUINEA

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
39414 *D 3052*	JEBA RIVER: — Jatt (Jeta) Island, SE. extremity. U.	11 50 16 14	Fl. W period 3.5^{s} fl. 0.2^{s}, ec. 3.3^{s}	33	10	White cylindrical masonry tower, square base.	
39420 *D 3054*	— Arlete Point, N. side channel. U.	11 46 16 06	Gp. Fl. W. (3) period 10.6^{s} fl. 0.2^{s}, ec. 1.0^{s} fl. 0.2^{s}, ec. 1.0^{s} fl. 0.2^{s}, ec. 8.0^{s}	46	10	White cylindrical masonry tower, 29.	
39430 *D 3055*	— Ancora Island about 3.25 miles 110° from Arlett Point light. U.	11 44 16 03	Fl. R period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	17	4	White concrete tripod	
39440 *D 3056*	— Biombo Point, N. side of channel. U.	11 44 15 57	Gp. Fl. W. (4) period 16.5^{s} fl. 0.3^{s}, ec. 1.8^{s} fl. 0.3^{s}, ec. 1.8^{s} fl. 0.3^{s}, ec. 1.8^{s} fl. 0.3^{s}, ec. 9.9^{s}	46	10	White cylindrical tower; 33.	
39450 *D 3056.5*	— Ponta Prainha, (S. Martinho). U.	11 45 15 49	Fl. W period 6^{s} fl. 1^{s}, ec. 5^{s}	26	10	White cylindrical tower, concrete base.	
39460 *D 3057*	— Bernafel Point, about 1.4 miles offshore. U.	11 47 15 39	Gp. Fl. W. (2) period 15^{s} fl. 0.5^{s}, ec. 1^{s} fl. 0.5^{s}, ec. 13^{s}	26	10	Cylindrical tower, upper part red and white bands, lower part white; 26.	
39470 *D 3058*	— Passaro Island, near Bissao Channel. U.	11 50 15 35	Gp. Fl. R. (5) period 20^{s} fl. 0.5^{s}, ec. 1.5^{s} fl. 0.5^{s}, ec. 1.5^{s} fl. 0.5^{s}, ec. 1.5^{s} fl. 0.5^{s}, ec. 1.5^{s} fl. 0.5^{s}, ec. 11.5^{s} Cp. 400	62	8	White square masonry tower; 42.	
39480 *D 3062*	— Rey (Rei) Island U.	11 52 15 34	Fl. G period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	30	7	White cylindrical tower on quadrangular pyramidal skeleton structure; 20.	
39483	— Porto de Bissao Range, front, head of Pigiguiti Mole.	11 52 15 35	F. R	30	2	Iron post	
39483.1	— — Rear, Amura Fortress, about 0.2 mile 15° from front.	......	F. R	85	2	Iron post	
39490 *D 3064*	— Pedro Alvares Rocks, W. side of Arcas Channel. U.	11 39 15 42	Gp. Fl. W. (3) period 6^{s} fl. 0.3^{s}, ec. 0.7^{s} fl. 0.3^{s}, ec. 0.7^{s} fl. 0.3^{s}, ec. 3.7^{s}	36	11	Square white masonry tower, gallery.	
39495 *D 3063*	— Coroadas Areias, NNE of Ilha das Areias.	11 45 15 35	Fl. W period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	19	6	Iron tower on piles	

PORTUGUESE GUINEA

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
39500 *D 3068*	BOLAMA CHANNEL: — Gallinhas (Gallinha) Island on NE. extremity, W. side of channel. **U.**	11 30 15 39	**Fl. G** .... period 2^s fl. 0.4^s, ec. 1.6^s	26	5	White square masonry tower; 26.	
39510 *D 3066*	Punta Oste (Bolma Point), W. side of Bolama Island, E. side of channel. **U.**	11 32 15 38	**Gp. Fl. W. (2)** ...... period 6^s fl. 0.3^s, ec. 0.9^s fl. 0.3^s, ec. 4.5^s Cp. 400	43	12	White square iron tower, triangular-shaped daymark; 36.	F. R. and F. G. lights are shown from outer end of mole at Port Bolama.
39520 *D 3070*	— Preco Leve, about 2 miles W. of Colonia Pt. **U.**	11 34 15 28	**Fl. W** .... period 4^s fl. 0.3^s, ec. 3.7^s	30	6	White cylindrical tower, square base.	
39525 *D 3073*	BOLOLA CHANNEL: — Sao Joao on causeway NE. of telegraph station. **U.**	11 35 15 27	**Qk. Fl. G** .... 60 fl. per min.	15	3	White concrete pillar	
39530 *D 3072*	— Colonia Point .... **U.**	11 33 15 26	**Gp. Fl. W. (4)** ...... period 12^s fl. 0.5^s, ec. 1^s fl. 0.5^s, ec. 1^s fl. 0.5^s, ec. 1^s fl. 0.5^s, ec. 7^s Cp. 200	59	8	White square masonry tower; 39.	
39540 *D 3074*	— Cobras (Calypso) Island, N. point. **U.**	11 40 15 29	**Fl. W** .... period 5^s fl. 0.5^s, ec. 4.5^s	49	6	White masonry tower; 33 ..	
39548 *D 3078*	— Bubaque, N. side of Ago Grande Island. **U.**	11 19 15 50	**Qk. Fl. R**	33	3	Concrete pillar	

GUINEA

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39578	*Nunez River Fairway Lighted Whistle Buoy.* (F.)	10 11 14 55	**Fl. W** .... period 1.5^s	......	.....	Black and white striped buoy, black hourglass topmark.	**Radar reflector.**
39579	Rochers de Gonzales	10 24 14 44	**Fl. W** .... period 6^s fl. 1.5^s, ec. 4.5^s Cp. 120	......	8	....	
39580 *D 3084*	Victoria, Rio Nunez	10 49 14 34	**Fl. W** .... period 6^s fl. 1.5^s, ec. 4.5^s	49	6	White wooden pillar platform.	
39585	Cape Verga, about 3.08 miles 91° 30′ from westernmost islets of Cape Verga Reef.	10 15 14 28	**Occ. W** .... period 4^s lt. 2^s, ec. 2^s	......	8	....	
39590 *D 3090*	**Ile Tamara,** near S. end	9 28 13 50	**Fl. W** .... period 5^s	311	24	White circular tower; 20 ...	Obscured 161°–220° and 235°–283°.
39593	*Tonnelier Shoal Lighted Whistle Buoy,* 0.8 miles E. of Pte du Tonnelier Beacon.	9 27 13 44	**Occ. W** .... period 6^s lt. 1.5^s, ec. 4.5^s Cp. 500	21	9	Red and white buoy	

GUINEA

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39595 *D 3090*	Pointe du Mat Range, front, on wharf.	N. W. 9 29 13 45	**Gp. Occ. R. (2)** .... period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 10,000	30	11	On transporter	
39595.1 *D 3090.1*	— Rear, about 155 yards 321° from front.	....	**Gp. Occ. R. (2)** .... period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s	49	11	Pylon; 49	Synchronized with front.
39600 *D 3092*	Boulbine, SW. side of Ile Konakri, on reef.	9 30 13 43	**Gp. Occ. (3)—W. R.** period 12^s lt. 4.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s Cp. W. 3,500 R. 700	33	W. 11 R. 10	White tower, red cupola; 33.	W. 108° 30′–112° 30′, R.–315°, W.–15°, R.–108° 30′.
39610 *D 3094*	— Conakry Wharf	9 31 13 43	**Gp. Occ. G. (2)** .... period 6^s lt. 3.5^s, ec. 0.5^s lt. 1.5^s, ec. 0.5^s	33	5	Black pylon; 16..........	3 F. W. lights are shown along Digue de la Prudente.
39620 *D 3096*	**Ile Matakong,** summit, N. side of Florikaria River entrance. **U.**	9 16 13 26	**Occ. W**........... period 4^s lt. 2^s, ec. 2^s	69	6	White tower; 39	
39630	*Mellacoree River Lighted Whistle Buoy.*	9 04 13 28	**Occ. W**........... period 6^s lt. 4.5^s, ec. 1.5^s	......	.....	Buoy, red and white stripes X-topmark.	

SIERRA LEONE (BR.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39640 *D 3098*	**Cape Sierra Leone** .... **U.**	8 30 13 18	**Fl.—W.**........... period 15^s	78	14	White circular tower with red lantern; 69.	R. 64°–89°, W.–64°. **Radiobeacon.**
D 3100	....	....	**F. R**............. Cp. 3,500	50	12	Same tower	Visible 64°–89°.
39670	— *Fairway Lighted Buoy,* 1.17 miles 287° from Cape Sierra Leone Light.	8 30 13 19	**Fl. W** .... period 5^s	......	.....	Black conical buoy	**Radar reflector.** *Reported showing Gp. Fl. W. (2) every 5^s, and not equipped with radar reflector (1952).*
39680 *D 3101*	King Tom Point	8 30 13 15	**F. R**.............	13	.....	Gray stone beacon; 7	
39690	Freetown, Government wharf.	8 30 13 14	**F. G**.............	......	.....	....	
39691	Falcon bridge point, about 0.18 mile 66° from Gov't. wharf light.	....	**Fl. R** .... period 2^s	42	3	....	
39692	Queen Elizabeth II pier, NW. corner.	8 30 13 13	**F. R**.............	......	.....	....	
39700 *D 3102*	Meheux Island, Banana Islands, SW. extremity. **U.**	8 05 13 15	**Fl. W** .... period 20^s fl. 2.4^s, ec. 17.6^s	100	8	White tower; 12	Visible 298°–180°.

SIERRA LEONE (BR.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39704 *D 3104*	*St. Ann Shoal Light and Whistle Float*	N. W. 7 53 13 43	**Gp. Fl. W. (2)** period 10^s	......	......	Black hull and circular daymark, red boot-topping and lantern, "ST. ANN" in white on name plate amidships.	

LIBERIA

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39720 *D 3110*	**Cape Mesurado,** summit of cape, Monrovia Bay.	6 19 10 49	**Fl. W** period 10^s Cp. 190,000	279	23	White conical masonry tower; 20.	
39730 *D 3107*	— S. Breakwater	6 21 10 49	**Fl. R**	33	4	....	
39740 *D 3106*	— N. Breakwater, 333 yards 43° from light on S. breakwater.	....	**Fl. G**	33	7	....	
39750 *D 3108*	— Entrance Range, 1.12 miles 116° from light on S. breakwater, front.	....	**F. W**	55	11	....	
39750.1 *D 3108.1*	— — Rear, 333 yards 120° from front.	....	**F. W**	70	.....	Top of water tank	F. R. lights 21 feet high, visible 3 miles, mark limits of quay.
39752	Summit 150 feet E. of King Gray's Town.	6 15 10 42	**F. R**	......	12	....	
39755 *D 3111*	**Junk River**	6 08 10 23	**Occ. W** period 5^s	......	15	....	
39760 *D 3112*	**Grand Bassa Point** **U.**	5 52 10 04	**Fl. W** period 4^s	40	11	White cylindrical tower; 35.	*Occasional.*
39770 *D 3114*	**Sinu Bay,** near South Point **U.**	4 59 9 02	**Gp. Fl. W. (3)** period 120^s fl. 0.3^s, ec. 20^s fl. 0.3^s, ec. 20^s fl. 0.3^s, ec. 71^s	100	15	White square tower; 26	
39780 *D 3116*	**Cape Palmas,** SW. point of Africa.	4 22 7 44	**Gp. Fl. W. (2)** period 20^s fl. 0.3^s, ec. 4.7^s fl. 0.3^s, ec. 14.7^s Cp. 490,000	104	16	White conical tower; 13	

The lights of Liberia are unreliable.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			IVORY COAST				
		N. W.					
39790 *D 3120*	**Pointe Tafu,** entrance to Tabou River.	4 25 7 22	**Gp. Fl. W. (2)** ...... period 6^{s} fl. 1^{s}, ec. 1^{s} fl. 1^{s}, ec. 3^{s}	82	15	White tower, black band; 33.	Visible over a sector of 190°.
39800 *D 3122*	Sassandra .... **U.**	4 57 6 04	**Occ. W** .... period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 1,500	197	14	Turret; 23..............	Visible over sector of 250°.
39802 *D 3123*	— Head of mole	4 58 6 04	**Occ. R** .... period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 100	49	8	White pylon, red band; 13 .	
39810 *D 3142*	**Grand Lahu (Lanau)**	5 09 5 00	**Gp. Fl. W. (3)** ...... period 15^{s}	49	12	White tower; 33	Visible over a sector of 180°.
	ABIDJAN: — Vridi Channel Entrance:						
39820 *D 3125*	— — South jetty head.....	5 15 4 00	**Gp. Occ. R. (2)** ...... period 9^{s} lt. 4.5^{s}, ec. 1.5^{s} lt. 1.5^{s}, ec. 1.5^{s}	49	11	Black pylon; 16..........	
39830 *D 3126*	— — North jetty head.....	....	**Occ. G** .... period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 750	49	11	Black pylon; 16	
39831 *D 3124.5*	— Canal Vridi Range, front, about 0.6 mile 306° 30′ from West Jetty Light.	....	**Occ. R** .... period 6^{s} lt. 4.5^{s}, ec. 1.5^{s} Cp. 1,000	62	13	White framework pylon; 30.	Several F. R. and F. G. lights mark the channel.
39831.1 *D 3124.6*	— — Rear, about 0.2 mile 297° from front.	....	**F. W** .... Cp. 5,000	79	14	Red and white framework work pylon; 46.	
39832 *D 3127*	— Treitchville quay	5 18 4 02	**Fl. G** .... period 6.0^{s} fl. 1.5^{s}, ec. 4.5^{s}	......	.....	....	
39840 *D 3128*	**Port Bouet** about 400 yards W. of root of pier.	5 15 3 56	**Gp. Fl. W. (3)** ...... period 15^{s} fl. 0.2^{s}, ec. 2.8^{s} fl. 0.2^{s}, ec. 2.8^{s} fl. 0.2^{s}, ec. 8.8^{s} Cp. 400,000	111	16	Square white tower; 89....	**Radiobeacon.** Reserve light Gp. Fl. W. (3) every 12^{s}.
			GHANA				
39860 *D 3138*	**Bobowasi Island,** summit, SE. side of Axim Bay.	4 52 2 15	**Occ.—W. R** .... period 20^{s} lt. 17^{s}, ec. 3^{s} Cp. 62,000	78	14	White tower, red dome.....	W. on bearings S. of 83°; R. elsewhere.
39870 *D 3140*	**Cape Three Points,** Middle Point.	4 45 2 06	**Fl. W** .... period 5^{s} fl. 0.3^{s}, ec. 4.7^{s} Cp. 100,000	126	17	White cylindrical tower, red lantern; 61.	Visible 268°–120°.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GHANA						
	TAKORADI BAY:	N. W.					
39880	— *Lighted Whistle Buoy,* 2 miles 95° 45′ from head of main breakwater.	4 53 1 42	**Fl. W** period 10^{s} fl. 1^{s}, ec. 9^{s}	......	.....	Red and white striped buoy.	**Radar reflector.** A F. R. light is shown from each of the three radio masts about 1 mile N. of Takoradi.
39890 *D 3150*	— Harbor Range, corner of shed, front.	4 53 1 45	**F. G.**	......	2	Corner of shed	
39890.1 *D 3152*	— — Rear, 123 yards 279° from front.	....	**F. G**	......	2	On Administration building, NE. corner of harbor.	
39900 *D 3146*	— Head of main breakwater. **U.**	4 53 1 44	**F. R** Cp. 1,000	35	3	Iron structure; 25	F. R. lights are shown from 3 masts 1.5 miles NW.
39910 *D 3144*	— Main breakwater, 320 yards from head.	....	**F. G**	18	.....	Beacon	Visible 61°–138°.
39915 *D 3148*	— Head of N. breakwater	....	**F. G** Cp. 700	32	7		**Bell:** 1 stroke every 5^{s}. A F. W. light is shown about 75 yards 188° 30′.
39920 *D 3156*	**Sekondi,** SE. corner of Fort Orange.	4 56 1 42	**Gp. Occ. (2)—W. R** period 30^{s} lt. 21^{s}, ec. 3^{s} lt. 3^{s}, ec. 3^{s} Cp. 52,000	128	17	White tower, red lantern; 46.	W. 181°–0°, R.–46°, obscured elsewhere.
39930 *D 3158*	Cape Coast Castle, Fort William, 600 yards inland.	5 06 1 14	**F. W**	200	10	White cylindrical tower; 61.	Signal station.
39940 *D 3162*	**Akkra (Accra),** near Fort Jamestown.	5 32 0 13	**Gp. Fl. W. (4)** period 25^{s} fl. 0.3^{s}, ec. 2.9^{s} fl. 0.3^{s}, ec. 3.0^{s} fl. 0.3^{s}, ec. 2.9^{s} fl. 0.3^{s}, ec. 15^{s} Cp. 530,000	110	16	Gray circular tower; 93	Visible 245°–77°.
39950 *D 3164*	— Head of breakwater	....	**F. R**	28	.....		A F. R. light is shown from head of railway pier.
39953 *D 3166*	— AVIATION LIGHT	5 36 0 10	**Alt. Fl.—W. G** period 5^{s}	252	61	On hanger; 61	*Occasional.*
		Long E.					
39955 *D 3167*	**Chenu (Temma) Point**	5 39 0 01	**Occ. W** period 10^{s} lt. 7^{s}, ec. 3^{s}	152	18	Black and white striped structure.	Visible 220°–70°.
39960 *D 3168*	**Cape St. Paul,** on beach about 1.5 miles 209° from Tegbeh.	5 50 0 58	**Fl. W** period 15^{s} fl. 1.7^{s}, ec. 13.3^{s} Cp. 970,000	74	14	Red pile structure, white bands; 83.	

TOGO AND DAHOMEY (F.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39970 *J 3174*	**Lome**	N. E. 6 07 1 14	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 7.2^s Cp. 1,000,000	92	15	Gray pylon; 82	**Radiobeacon:** 4 miles NE.
39980 *D 3170*	— Head of pier	6 07 1 14	**Occ. R** period 4^s lt. 3^s, ec. 1^s Cp. 600	49	12	White pylon; 20	**Siren:** 1 blast every 2 min. (in operation Dec. to Feb.). A F. R. light close SW. marks work in progress.
39983 *D 3172*	— AVIATION LIGHT, about 2.5 miles NE. of Lome Light.	6 09 1 14	**Gp. Fl. W. (4)** period 7.5^s	......	.....	....	Shows letter "L". *Occasional.*
39990 *D 3178*	**Kotonu,** 200 yards E. of pier.	6 21 2 26	**Fl. W** period 5^s fl. 0.4^s, ec. 4.6^s Cp. 60,000	98	15	Metal pylon; 85	F. R. obstruction lights have been established about 1.64 miles 54°, about 1.75 miles 278°, and about 2.46 miles 273°, respectively, from Kotonu Light.
40000 *D 3180*	— Head of pier	....	**F. G**	33	2	White signal mast	
40010	— Range, front, about 0.8 mile W. of root of pier.	....	**F. R**	......	.....	Beacon, blue and white bands, white triangular-shaped daymark.	
40010.1	— — Rear, 0° from front	....	**F. R**	......	.....	Beacon, blue and white bands, white triangular-shaped daymark.	Mark E. limit of cable area.

NIGERIA (BR.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
40020	LAGOS RIVER: — *Fairway Lighted Bell Buoy,* S. of river entrance.	6 22 3 24	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	......	.....	Spherical buoy, red and white stripes.	**Radar reflector.**
40030 *D 3186*	— Lagos Harbor, West Mole, head.	6 23 3 24	**Fl. R** period 10^s	39	.....	White framework tower	
40032 *D 3187.4*	— W. Training Wall	6 24 3 24	**Int. Qk. Fl. R**	......	.....	White quadrangular stone structure, red checkers.	
40034 *D 3187*	— S. head of West Training Wall, front.	6 24 3 24	**Int. Qk. Fl. W**	......	8	Black and white beacon	Visible 11° each side of axis.
40034.1	— — Rear, about 1,130 yards 333° from front.	....	**Fl. W** period 3^s	......	11	Black and white beacon	Visible 3° each side of axis.
40036 *D 3188*	— Wilmot Point, front	6 25 3 24	**F. G**	......	.....	Black and white beacon	
40036.1 *D 3188.1*	— — Rear, about 30 yards 22° from front.	....	**F. G**	......	.....	Black and white beacon	
40040 *D 3184*	— **Beecroft Point,** W. of entrance.	6 24 3 23	**Gp. Fl. W. (2)** period 15^s fl. 0.5^s, ec. 3.2^s fl. 0.5^s, ec. 10.8^s	86	15	Black cylindrical tower white band and lantern; 90.	

NIGERIA (BR.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LAGOS RIVER:	N. E.					
40050 *D 3194*	— N. of Five Cowrie Point, front.		**F. R**	19	2	White triangular-shaped beacon.	
40050.1 *D 3196*	— — Rear, 40 yards 94° from front.		**F. R**	22	2	White triangular-shaped beacon.	
40060 *D 3190*	— Lagos Harbor Range, front.	6 27 3 24	**F. G**	10	4	Yellow triangular-shaped daymark, black stripe; 7.	Visible 289°–39°.
40060.1 *D 3190.1*	— — Rear, about 30 yards 344° from front.		**F. G**	10	5	Yellow triangular-shaped daymark, point down, black stripe; 12.	Visible 289°–39°.
40062 *D 3197*	— Floating dock No. 3, SW. corner.	6 27 3 23	**Fl. W** period 3^s				
40063 *D 3197.1*	— Floating dock No. 3, NW. corner.	6 27 3 23	**Int. Qk. Fl. W**				
40065 *D 3198*	— Carter Bridge, about 1,560 yards 73°30′ from Bluff Point Beacon.	6 28 3 23	**F. G**	18	2		
40070 *D 3202*	**Ogidigbe,** at Escravos River entrance.	5 34 5 11	**Gp. Fl. W. (3)** period 20^s	130	17	Steel framework tower	Obscured on bearings of less than 8°.
40080	*Escravos River (and Forcados) Fairway Lighted Bell Buoy.*	5 29 5 04	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s			Red buoy, ball topmark	**Bell:** One stroke every 30^s. **Radar reflector.**
40090	*Middleton River Lighted Bell Buoy.*	4 32 5 33	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s			Red and white striped buoy, ball topmark.	**Radar reflector.**
40110 *D 3204*	**Palm Point,** Cape Formosa, Nun Entrance to Niger River.	4 16 6 05	**Fl. W** period 10^s fl. 1.2^s, ec. 8.8^s	100	15	White iron pile structure	The navigable spans on Benue Bridge are marked by F.G. lights when bridge is open and F. R. lights when closed. Not shown from Dec. 1 to May 31.
40120	— *Fairway Lighted Bell Buoy.*	4 15 7 04	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s			Red buoy	**Radar reflector.**
	BONNY:						
40130 *D 3206*	— River beacon	4 24 7 08	**Gp. Fl. W. (2)** period 20^s fl. 0.3^s, ec. 4.7^s fl. 0.3^s, ec. 14.7^s	130	17	Gray skeleton framework tower.	Visible 214°–180°.
40140 *D 3208*	— On shore near pier	4 27 7 10	**Fl. G** period 2.5^s fl. 0.2^s, ec. 2.3^s	29		Square iron beacon	Signal station.
	CALABAR RIVER:						
40180 *D 3209*	— *Calabar Lighted Bell Float.*	4 20 8 22	**Fl. W** period 5^s	32		Float, red and white stripes.	**Bell:** 1 stroke every 30^s.
40190	— *Bakasi Lighted Buoy No. 1.*	4 24 8 23	**Fl. W** period 10^s			Black conical buoy	**Radar reflector.**

No.	Name and location	Pasitian lat. lang. ° ′	Characteristic and pawer	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remorks. Fog signsla
	NIGERIA (BR.)						
40200	CALABAR RIVER: — *Outer Reef Lighted Buoy No. 2.*	N. E. 4 27 8 24	**Gp. Fl. W. (2)** ..... period 15^s fl. 0.5^s, ec. 3^s fl. 0.5^s, ec. 11^s	......	.....	Red can buoy	**Radar reflector.**
	CAMEROONS (BR.)						
40220 *D 3214*	**Debnndga Point**	4 06 9 00	**Fl.—W. R** .... period 10^s fl. 1^s, ec. 9^s Cp. 10,000	262	20	White cylindrical tower, dwelling; 33.	W. 310°–130°, R.–161°, obscured elsewhere. Telephone to Victoria.
40230 *D 3220*	AMBAS BAY: — Range, front	4 01 9 12	**F. R**	......	.....	White beacon	Range 2 F. G. in line 80° are occasionally shown 0.8 miles SSE.
40230.1 *D 3222*	— — Rear, 32° from front ..	....	**F. R**	......	.....	White beacon	*Shown only when vessels are expected.*
40250 *D 3218*	— Bota Pier, on flagstaff ..	4 01 9 11	**2 F. G.** (vert.)	......	5	Flagstaff	2 F. R. lights on a bearing 9°, marking the approach to Morton Bay, are located about 635 yards, 314° from Bota Church.
40260 *D 3216*	**Cape Nachtigal**	3 57 9 13	**Gp. Fl. W. (2)** ...... period 10^s fl. 0.7^s, ec. 2.6^s fl. 0.7^s, ec. 6.0^s Cp. 6,000	148	18	White masonry tower; 46 ..	Visible 285°–133°.
40270 *D 3226*	Entrance Point	3 58 9 17	**Fl.—W. R** ·........ period 7^s fl. 0.5^s, ec. 6.5^s	14	8	Masonry hut, painted in red and white checkers; 14.	W. 228°–33°, R.–228°.
40280	*Bimbia River Lighted Buoy No. 1.*	3 55 9 13	**Fl. W** .... period 5^s	......	.....	Black buoy, conical topmark.	**Radar reflectar.**
	OFFSHORE ISLANDS						
40290 *D 3236*	FERNANDO PO (POO) (S.) — **Punta Europa (Los Frailes).**	3 47 8 43	**Gp. Fl. W. (3)** ...... period 20^s fl. 0.2^s, ec. 3.7^s fl. 0.2^s, ec. 3.7^s fl. 0.2^s, ec. 12^s	259	23	Framework tower, red and white stripes.	Obscured S. of 73° by trees. *May be extinguished without notice.*
40300 *D 3230*	— Santa Isabel Range, front.	....	**Qk. Fl. G** .... 90 fl. per min.	......	.....	Black column, white bands.	*Shown only when steamers are expected.*
40300.1 *D 3232*	— — Rear, 50 yards 122° 30′ from front.	....	**Qk. Fl. G** .... 90 fl. per min.	......	.....	Black column, white bands.	Two F. R. range lights (*occasional*) are shown from Punta Cristina to assist vessels in anchoring. Lighted only when requested by radio.
40310	— — *Entrance Lighted Buoy*, 0.24 mile 264° from Punta Fernanda.	3 46 8 47	**Fl. R** .... period 3^s fl. 0.3^s, ec. 2.7^s	......	6	Red buoy	

OFFSHORE ISLANDS

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
	FERNANDO PO (POO) (S.)						
40320 *D 3228*	— **Islate Horocio,** close NE. of Hermosa Point.	3 46 8 55	**Fl. W** period 16^{s} fl. 1^{s}, ec. 15^{s}	72	14	White tower; 53	
40330 *D 3237*	— Islote Loros, NW. point of island.	3 33 8 34	**Qk. Fl. W** 120 fl. per min.	39	6	....	
40340 *D 3238*	— San Carlos Bay	3 27 8 33	**Qk. Fl. W** 90 fl. per min.	......	7	....	
	ILHA DO PRINCIPE (PRINCESS I.) (P.):						
40350 *D 3256*	— **Ponto Garca**	1 38 7 27	**F. W** Cp. 300	112	12	White iron tripod; 22	
40360 *D 3257*	— Ponta da Mina, S. shore of San Antonio Bay.	1 39 7 27	**F. R** Cp. 200	174	10	Red iron skeleton structure; 25.	Visible 230°–295°.
40370 *D 3258*	— **Ilheu Bombom,** summit of island, off N. side of Princess Island. **U.**	1 42 7 24	**Fl.—W. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s} Cp. 3,300	211	17	White square iron tower; 12.	R. 124°–154°, W.–124°.
	SAO THOME (ST. THOMAS) ISLAND (P.):						
40380 *D 3280*	— **Ilheu das Cabros,** off NE. side of the island.	0 24 6 43	**F. Fl.—W** period 90^{s} fl. 5^{s}, F. 85^{s} Cp. 120,000	320	25	Cylindrical iron tower; 16	
	— Ana das Chaves Bay:						
40390 *D 3282*	— — Fort San Sebastiao	0 21 6 45	**F. R** Cp. under 100	46	6	Cylindrical masonry tower; 16.	**Radiobeacon:** about 1140 yards 211°.
40400 *D 3281*	— — Punta Okedelrey Range, front.	0 22 6 44	**F. G**	17	5	White beacon	
40400.1 *D 3281.1*	— — — Rear, about 88 yards 285° from front.	....	**F. G**	122	5	White beacon	
40410	— — *Lighted Buoy No. 1,* off SE. side of Anna das Chaves Bank.	0 21 6 46	**Fl. G** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	......	6	Green cylindrical buoy	
40420 *D 3284*	— **Ilheu Gago Coutinho,** off S. side of island.	0 00 6 31	**Gp. Fl. W. (2)** period 10^{s} fl. 0.2^{s}, ec. 2.3^{s} fl. 0.2^{s}, ec. 7.3^{s} Cp. 120,000	349	25	Dark red square masonry tower, dwelling; 30.	
		Lat. S.					
	ANNOBON ISLAND (Sp.):						
40425 *D 3286*	— Mission de San Antonio, on point NE. of town.	1 24 5 37	**Fl. W** period 15^{s}	147	8	Metal tower; 16	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CAMEROUN						
	CAMEROUN BAY:	N. E.					
40430	— *Entrance Lighted Buoy A.*	3 45 9 23	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	......	9	Red conical buoy marked "A". Topmark of 2 Xs superimposed.	
40440	— *Lighted Buoy B,* SE. of Bimbia Flat.	3 49 9 25	**Fl. W**	16	7	Red conical buoy, marked "B."	*Reported Fl. R. every 12^{s} (July 1953).*
40450	— *Lighted Buoy C,* NW. of Hundskopfe Shoals.	3 50 9 28	**Fl. W**	16	5	Black conical buoy, marked "C".	*Reported Fl. G. every 7.5^{s} (July 1953).*
40458	— Astra Range, front	4 03 9 42	**F. G**	38	5	Wooden structure; 33	
40458.1	— — Rear, 0.6 mile 172° 30′ from front.	....	**F. R**	187	5	On gray water tower	
	KRIBI RIVER:						
40480 *D 3250*	— Margaret Point Range, front.	2 56 9 54	**Gp. Fl. W. (3)** period 12^{s} fl. 1^{s}, ec. 1.5^{s} fl. 1^{s}, ec. 1.5^{s} fl. 1^{s}, ec. 6.0^{s}	59	10	White cylindrical tower, square turret; 49.	Visible over an arc of 225°.
40480.1 *D 3252*	— — Rear, about 0.3 mile 115° from front.	....	**F. G** Cp. 1,350	98	14	On steeple at Kribi	Visible on axis only.
40490 *D 3252*	— N. side of river entrance.	2 59 9 54	**Fl. G** period 5^{s}	......	.....	White pylon	
	RIO MUNI (S.)						
40498 *D 3260*	**Punta Embonda** AVIATION LIGHT.	2 06 9 46	**Gp. Fl. W. (4)** period 30^{s} fl. 0.3^{s}, ec. 3.5^{s} fl. 0.3^{s}, ec. 3.5^{s} fl. 0.3^{s}, ec. 10.9^{s} fl. 0.3^{s}, ec. 10.9^{s}	119	17	Octagonal brick tower; 115.	
40500 *D 3262*	Bata, on Lundone Point, S. side of Bata Bay.	1 52 9 46	**Fl. W** period 22^{s} fl. 2^{s}, ec. 20^{s}	37	8	Custom house; 34	
40510 *D 3266*	**Cape San Juan**	1 10 9 21	**Gp. Fl. W. (2)** period 15^{s} fl. 0.3^{s}, ec. 3.5^{s} fl. 0.3^{s}, ec. 10.9^{s}	78	14	White framework tower; 59.	*Irregular.*
40515	*Elobey Bank Lighted Buoy*	1 04 9 28	**Fl. R** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s}	8	4	Red buoy	
40530 *D 3270*	Muni River, Ivelo Island, NW. side, front.	1 05 9 42	**Fl. W** period 2^{s}	16	6	Red square tower; 13	Visible only on axis. *Reported obscured by trees.*
40530.1 *D 3272*	— Rear, 59° 30′ from front, N. bank of river.	....	**Qk. Fl. W** 180 fl. per min.	105	9	Red tower; 41	Visible only on axis. *Reported obscured by trees.*
40540 *D 3268*	Little Elobey Island, N. end.	1 00 9 32	**Fl. W** period 2^{s}	15	6	Red quadrangular tower; 10.	

RIO MUNI (S.)

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
40550 *D 3276*	Corisco Island, N. end	N. E. 0 56 9 20	**Fl. W** period 2^s	93	6	Red quadrangular tower; 10.	
40552	N'Dombo Beacon	0 56 9 34	**Occ. W** period 6^s lt. 4^s, ec. 2^s	24	.....	White beacon	

GABON

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
40554	GABON RIVER: Nende, N. part of Mondah Island.	0 36 9 33	**Occ. W** period 9^s lt. 4.5^s, ec. 1.5^s lt. 1.5^s, ec. 1.5^s Cp. 120	66	8	On blockhouse	
40560	**Cape Esteiras (F.)**	0 37 9 20	**Gp. Fl. W. (3)** period 15^s	61	13	.....	
40570 *D 3292*	— **Pointe Gombe,** S. side of Gabon River entrance.	0 18 9 18	**Fl. W** period 10^s	187	20	White column, black band; 39.	
40580	— *Banc de la Themis Lighted Whistle Buoy.*	0 27 9 13	**Gp. Fl. W. (2)** period 9^s fl. 1.5^s, ec. 1.5^s fl. 1.5^s, ec. 4.5^s	.....	.....	Red buoy	
40590	— *Passe de la Penelope Lighted Buoy.*	0 25 9 16	**Fl. G** period 6^s	.....	.....	Black buoy	
40600	— *Banc de la Mouche Lighted Buoy.*	0 24 9 18	**Gp. Occ. G. (2)** period 9^s	.....	.....	Black buoy	
40610	— *Banc de Papillon Lighted Buoy.*	0 23 9 20	**Fl. G** period 6^s fl. 1.5^s, ec. 4.5^s	.....	.....	Black buoy	
40620	— *Banc du Sud, E. Lighted Bell Buoy.*	0 23 9 22	**Fl. R** period 6^s fl. 1.5^s, ec. 4.5^s	.....	6	Red buoy	F. R. obstruction lights *(occasional)* are shown from masts 1.6 and 1.8 miles N by E.
40625	— **Libreville**	0 24 9 27	**Gp. Occ. (2)—W. R.** period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s	206	W. 19 R. 16	White water tower; 121	W. 338°–62°, R.–126°.
40630 *D 3290*	Libreville, outer end of pier.	0 23 9 26	**Occ.—W. R. G.** period 4^s lt. 2^s, ec. 2^s	26	W. 10 G. 7 R. 8	Red pylon on hut, surmounted by white mast.	G. 330°–5°, W.–60°, R.–150°, obscured elsewhere. **Radiobeacon.**
40650	— Beacon, about 110 yards N. of head of S. pier.	....	**F.—W. G**	.....	.....	.....	G. 345°–67°, W.–345°.
40660 *D 3300*	**Cap Lopez,** NW. point of cape.	Lat. S. 0 38 8 42	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	105	15	White tower; 99	Visible 7°–300°.
	— Auxiliary light	....	**Fl. W** period 5^s	.....	.....	Same tower	
40662	— About 7 miles 162° from Cape Lopez Light.	0 44 8 44	**F.—W. R. (vert.)**	.....	.....	On derrick; 115	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		GABON					
		S. E.					
40670	Balise des Capitaines, about 1,800 yards 75° from Cap Lopez Light.	....	**Occ. W**........... period 4^s lt. 2^s, ec. 2^s	......	.....	....	
40680	*Banc du Prince Lighted Whistle Buoy,* 7 miles 75° from Cape Lopez Light.	0 36 8 49	**Gp. Fl. W. (2)**...... period 9^s	......	.....	Buoy, upper part red, lower part white.	
40690 *D 3296*	Port Gentil, E. side of Mandji Island.	0 44 8 47	**Gp. Occ. (3)—W. R. G.** period 15^s lt. 6^s, ec. 2^s lt. 1.5^s, ec. 2^s lt. 1.5^s, ec. 2^s Cp. W. 40,000 R. 8,000 G. 5,000	49	12	White pylon; 50..........	G. 166°–195°, W.–215°, R.–286°, obscured elsewhere. A conspicuous derrick marked by a F. R., exists 2.5 miles 318°.
40700 *D 3298*	Port Gentil Pyramide des Chardesgeurs, NE. face.	0 43 8 47	**Occ. G**........... period 4^s lt. 2^s, ec. 2^s	33	10	Mast, white pyramidal base.	A F. G. light is shown from a beacon 0.6 mile 231°. A Fl. R. light is shown 0.15 mile 103°.
40710	Yombe River at mouth, about 5.2 miles 108° 30′ from Port Gentil light.	0 45 8 52	**Occ. W**........... period 4^s lt. 2^s, ec. 2^s	33	3	Pylon; 29..............	
40730 *D 3304*	Sette Cama..............	2 31 9 45	**F. R**.............	37	4	White column; 26.........	*Extinguished (1953).*
40740 *D 3306*	Mayumba Bay, on Cape Matuti.	3 27 10 39	**F. W**.............	33	6	White wooden pylon, black horizontal bands; 26.	*Extinguished (1953).*
		CONGO					
	BAIE DE POINTE NOIRE (BLACK POINT BAY):						
40750 *O 3316*	— **Pointe Noire (Black Point):** 220 yards E. of root of wharf.	4 47 11 50	**Fl. W**............ period 5^s fl. 0.3^s, ec. 4.7^s Cp. 500,000	92	15	Black and white tower; 66.	Visible 329°–194°. **Radiobeacon** (about 1.5 miles 101°).
40760 *D 3310*	— N. end of W. breakwater .	4 46 11 50	**Gp. Fl. W. (3)**...... period 12^s fl. 1^s, ec. 1^s fl. 1^s, ec. 4^s fl. 1^s, ec. 4^s	39	11	Pylon on hut, black and white.	
40770 *D 3312*	— W. side of entrance to harbor.	....	**Occ. G**........... period 4^s lt. 2^s, ec. 2^s	52	5	White pylon; 13....	A Qk. Fl. R. light is shown from each of 2 radio towers.
40780 *D 3314*	— E. side of entrance to Pointe Noire Harbor, head of breakwater.	4 47 11 50	**Gp. Occ. R. (2)** .... period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s	52	5	....	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
CONGO							
40790	Pointe Noire, front	S. E. 4 47 11 50	**Qk. Fl. W** Cp. 3,000	20	9	Pylon	Visible from 112°–292°.
40790.1	— Rear, about 130 yards 202° from front.	....	**Qk. Fl. W** Cp. 10,000	25	10	Pylon	Visible 3° either side of alignment. *Shown on request only.*
CABINDA (P.)							
40800 *D 3320*	**Lendana,** S. side of bay	5 14 12 08	**Occ. R** period 5^s lt. 3^s, ec. 2^s Cp. 1,250	151	14	White square masonry tower, dwelling; 29.	
40810 *D 3322*	**Cabinda (Kabinda Point),** S. side of Kabinda Bay. **U.**	5 33 12 11	**Gp. Fl. W. (2)** period 10^s fl.0.3^s, ec.3.5^s fl. 0.3^s, ec. 5.9^s Cp. 110,000	89	15	White square skeleton iron tower, white hut; 65.	
BELGIAN CONGO							
	RIVER CONGO ENTRANCE:						
40821 *D 3324*	— **Kipundji (Bm.)**	5 53 12 18	**Fl. W** period 5^s	106	16	White octagonal metal tower, upper part cylindrical; 31.	
40830	— *Lighted Buoy No. 2,* on Bane Stella.	6 02 12 24	**Qk. Fl. W.** 60 fl. per min.	......	.....	Buoy	
40841 *D 3329*	— Bulabemba Point (Bm.)	6 03 12 26	**Occ.—W. R.** period 6^s lt. 3^s, ec.3^s	58	13	White metal tripod	W. 286°–106°, R.–143° obscured–286°. **Radiobeacon:** 4 miles 320° from light.
40846 *D 3330*	— Quissanga, about 1 mile 57° from Quissanga Beacon.	6 02 12 37	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 200	21	8	Red triangular iron framework tower; 26.	
40850 *D 3332*	— Ponta do Padrao (Padron Point) near extremity. **U.**	6 05 12 20	**Gp. Occ. G. (2)** period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 200	24	7	White pyramidal iron tower; 23.	
ANGOLA (P.)							
40860 *D 3334*	— **Moita Seca,** S. side of entrance to river.	6 07 12 16	**Gp. Fl. W. (3)** period 10^s fl. 0.3^s, ec. 1.5^s fl. 0.3^s, ec. 1.5^s fl. 0.3^s, ec. 6.1^s Cp. 4,800	57	14	White hexagonal iron skeleton tower; 69.	

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			ANGOLA (P.)				
		S. E.					
40870 *D 3338*	**Cabeca de Cobra (Margate Head).**	6 33 12 30	**Fl. W** .... period 4^s fl. 0.3^s, ec. 3.7^s Cp. 79,000	131	18	White square masonry tower, 4 painted crosses; 43.	
40880 *D 3342*	**Fareland Bluff (Ambrizete),** near extremity. **U.**	7 16 12 52	**Gp. Fl. W. (3)** ...... period 10^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 5.7^s Cp. 40,000	128	17	White square masonry tower, cross daymark; 65.	
40890 *D 3344*	**Ambriz,** on point, S. side of port.	7 50 13 06	**Gp. Fl. W. (4)** ...... period 12^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 5.7^s Cp. 32,000	113	17	White square masonry tower, cross on seaward side; 46.	
	LOANDA (ST. PAUL DE LOANDA):						
40900 *D 3348*	— **Lagasta (Cabo das Lagastas)** NE. point of Loanda Bay.	8 45 13 18	**Gp. Fl. W. (2)** ...... period 10^s fl. 0.3^s, ec. 1.4^s fl. 0.3^s, ec. 8.0^s Cp. 32,000	217	21	White square masonry tower, cross daymark on W. face, dwelling; 46.	
40910	— *Entrance Lighted Buoy No. 1,* off NE. side of Loanda Reef.	8 45 13 16	**Fl. G** .... period 3^s fl. 0.3^s, ec. 2.7^s Cp. 200	10	8	Black cylindrical buoy; 11.	
40920 *D 3360*	— Ilha de Loanda, NE. extremity.	8 46 13 16	**Fl. W** .... period 7^s fl. 1^s, ec. 6^s Cp. 500	46	11	White quardangular iron tower on masonry dwelling; 49.	
40930 *D 3354*	— Isabella Rocks, NW. of Punta Isabella.	8 48 13 14	**F. G** .... Cp. 200	15	1	White tower, black bands, stone base; 19.	
40940 *D 3364*	**Ponta das Palmeirinhas,** on Cape Lombo.	9 04 13 00	**Fl. W** .... period 4.5^s fl. 0.3^s, ec. 4.2^s Cp. 170,000	132	18	Quadrangular iron framework tower, masonry base; 124.	Also serves as aviation light.
40950 *D 3368*	**Cape Leda** .... **U.**	9 41 13 12	**Gp. Fl. W. (2)** ...... period 6^s fl. 0.3^s, ec. 1.2^s fl. 0.3^s, ec. 4.2^s Cp. 4,800	335	23	White hexagonal masonry tower, galleries, two small buildings attached; 39.	
40960 *D 3372*	**Cape Three Points (Cabo das tres Pontas).** **U.**	10 23 13 32	**Gp. Fl. W. (3)** ...... period 10^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 5.7^s Cp. 40,000	160	19	White square masonry tower, small building; 46.	
	PORTO AMBOIN:						
40970 *D 3376*	— Morro de Cambiri .... **U.**	10 44 13 45	**Fl. G** .... period 4^s fl. 1^s, ec. 3^s Cp. under 100	208	5	Square masonry structure; 13.	A Fl. R. and Fl. G. light are shown on the pier of the Companhia do Ambion.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ANGOLA (P.)						
		S. E.					
	PORTO AMBOIN:						
40980 *D 3378*	— Ponto do Morro Benguela (Old Benguela Head).	10 45 13 43	**Gp. Occ. R. (2)** .... period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 1,250	364	14	White square tower, outside stair, gallery; 39.	A Fl. R. and a Fl. G. light (period 2^s) are shown from quay.
40990 *D 3382*	**Nova Redonda,** on N. angle of fort.	11 07 13 55	**Fl. R** .... period 3^s fl. 0.3^s, ec. 2.7^s Cp. 500	109	14	Black iron column on white masonry building; 25.	
41000 *D 3386*	**Quicombe (Kikombo),** on Red Point. **U.**	11 20 13 51	**Gp. Fl. W. (4)** ...... period 12^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 5.7^s Cp. 32,000	453	28	White quadrangular masonry tower, cross on upper gallery; 46.	Also serves as aviation light.
	LOBITO BAY:						
41010 *D 3390*	— **Lobito,** E. side of entrance.	12 19 13 35	**Gp. Fl. W. (2)** ...... period 10^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 7.2^s Cp. 135,000	348	26	White cylindrical tower, dwelling; 49.	Fl. R. and Fl. G. (horiz.) period 2^s, visible 2 miles, are shown from the Harbor Master's pier.
41020 *D 3398*	— **Restinga,** on extremity .. **U.**	12 19 13 35	**Gp. Occ. G. (2)** ..... period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 300	30	7	Red and white banded skeleton tower; 33.	
	BENGUELA:						
41030 *D 3408*	— **St. Philips Bonnet** (Ponta Sombreiro). **U.**	12 35 13 18	**Gp. Occ. R. (3)** .... period 9^s lt. 3.6^s, ec. 1^s lt. 1.2^s, ec. 1^s lt. 1.2^s, ec. 1^s Cp. 500	424	14	Red iron column, white masonry house; 23.	
41040 *D 3402*	— Range, N. end of fort, front. **U.**	12 34 13 24	**Fl.—W. R. G** ...... period 1^s fl. 0.3^s, ec. 0.7^s Cp. 300	37	W. 11 R. 10 G. 9	Quadrangular tower; 23 ...	R. 53°–90°, W.–190°, G.–233°.
41040.1 *D 3404*	— — Rear, 550 yards 117° from front. **U.**	....	**F. R**	53	6	Church steeple; 39	
41050	— Head of new jetty	....	**Fl.—R. G** .... period 2^s fl. 0.2^s, ec. 1.8^s Cp. under 100	......	R. 2 G. 2	Iron column; 10	
41053 *D 3410*	Ponta de S. Jose (P.), N. of Puerto de Baia Farta.	12 36 13 12	**Fl. G** .... period 3^s fl. 1^s, ec. 2^s Cp. 100	27	10	White square masonry tower; 29.	
41060 *D 3412*	**Panta das Salinas (Salinas Paint),** near extremity.	12 50 12 56	**Fl. W** .... period 4^s fl. 0.3^s, ec. 3.7^s Cp. 170,000	129	17	Square iron framework tower, white masonry base; 124.	Also serves as aviation light.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ANGOLA (P.)						
		S. E.					
41070 *D 3416*	**Cape St. Mary (Cabo de Santa Maria).**	13 25 12 32	**Gp. Fl. W.(3)** ...... period 10^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 5.7^s Cp. 40,000	334	26	White square masonry tower, Maltese cross on face; 39.	
41080 *D 3420*	**Cabo de Santa Marta (Cape St. Martha).**	13 53 12 25	**Gp. Fl. W. (2)** ...... period 6^s fl. 0.3^s, ec. 1.2^s fl. 0.3^s, ec. 4.2^s Cp. 4,800	162	19	White hexagonal masonry tower; 46.	
41090 *D 3422*	**Grassa Point (Salinas)**	14 13 12 20	**Gp. Fl. W. (4)** ...... period 12^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 1.7^s fl. 0.3^s, ec. 5.7^s Cp. 32,000	165	19	White square masonry tower, gallery; 46.	
	LITTLE FISH BAY:						
41100 *D 3426*	— **Ponta do Giraul,** 110 yards SE. of point, N. side of bay.	15 08 12 07	**Fl. W** .... period 5^s fl. 0.7^s, ec. 4.3^s Cp. 62,000	100	15	White square tower, cross on W. face, two buildings; 79.	
41110 *D 3432*	— Mossamedes, Fort San Fernando. **U.**	15 11 12 07	**Gp. Occ.—W. R. G** . period 6^s lt. 3^s, ec. 1^s lt. 1^s, ec. 1^s Cp. 150	96	W. 9 R. 8 G. 7	White square masonry tower; 13.	G. 83°–119°, W.–177°, R.–197°.
41120 *D 3430*	— — On pier	15 12 12 09	**Fl. R** .... period 2^s fl. 0.2^s, ec. 1.8^s	18	2	Iron column; 10	*Shown only when vessels are in the harbor or are expected.*
41130 *D 3428*	Ponta do Noronha, Baia de Mocamedes (Mossamedes).	15 11 12 08	**Fl.—W. G**........ period 3^s fl. 0.3^s, ec. 2.7^s Cp. under 100	130	W. 9 G. 8	White masonry tower, black band.	G. 55°–115°, W.–55°.
41140 *D 3436*	Ponta do Porto (Bateman), Port Alexander. **U.**	15 49 11 49	**Gp. Occ. (3)—W. G** . period 9^s lt. 3.6^s, ec. 1^s lt. 1.2^s, ec. 1^s lt. 1.2^s, ec. 1^s Cp. 150	36	W. 9 G. 7	White iron tripod, gallery and ladder; 26.	W. 215°–185°, G.–215°.
41150 *D 3438*	**Albina Point,** about 430 yards inland from point.	15 53 11 43	**Gp. Fl. W.(2)** ...... period 10^s fl. 0.3^s, ec. 2.2^s fl. 0.3^s, ec. 7.2^s Cp. 228,000	116	17	White square iron tower masonry base; 124.	Also serves as aviation light. **Siren:** 1 blast every 15^s.

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ANGOLA (P.)						
41160 *D 3442*	**Baia dos Tigres (Great Fish Bay),** Tiger Point, on extremity.	S. E. 16 31 11 43	**Gp. Fl. W.(3)** ...... period 11^s fl. 0.5^s, ec. 1.7^s fl. 0.5^s, ec. 1.7^s fl. 0.5^s, ec. 6.1^s Cp. 46,500	50	12	White truncated conical masonry tower on piles, Maltese cross on N. side; 42.	
41170 *D 3444*	— Leao, E. side of Tiger Peninsula.	16 36 11 43	**Gp. Occ. G. (2)** .... period 6^s fl. 3^s, ec. 1^s fl. 1^s, ec. 1^s Cp. 150	39	7	Water tower; 33	
	SOUTHWEST AFRICA						
41178 *D 3448*	**Cape Cross** .... **U.**	21 47 13 58	**Fl. W** .... period 5^s fl. 0.5^s, ec. 4.5^s Cp. 2,000	100	15	Black tower, diamond-shaped topmark; 10.	
41180 *D 3450*	**Swakopmund,** N. of Swakop River entrance.	22 41 14 31	**Gp. Fl. W. (2)** ...... period 10^s fl. 0.2^s, ec. 2.3^s fl. 0.2^s, ec. 7.3^s Cp. 21,000	115	16	Red tower, white band; 92.	Radiotelephone.
	WALVIS BAY:						
41190 *D 3454*	— **Pelican Point,** at entrance to bay. **U.**	22 54 14 25	**Gp. Fl. W. (3)** ...... period 20^s Cp. 15,000	112	14	White cylindrical tower, red bands.	**Diaphone:** 1 blast every 40^s. **Radiobeacon.** Radiotelephone.
41200	— *Spit Lighted Bell Buoy No. 2,* 2 miles 20° from Pelican Point.	22 52 14 27	**Fl. W** .... period 6^s	......	3	Black buoy, red stripes ...	**Radar reflector.**
41210	— *Entrance Lighted Buoy,* N. of dredged channel.	22 54 14 30	**Qk. Fl. W** .... 60 fl. per min.	......	.....	Red conical buoy	**Radar reflector.**
	LUDERITZ BAY:						
41230 *D 3462*	— **Diaz Point**	26 38 15 06	**Fl. W** .... period 10^s fl. 0.3^s, ec. 9.7^s Cp. 1,720,000	174	19	White cylindrical tower, red band.	**Diaphone:** 1 blast every 30^s. *Unreliable (1956).* Radiotelephone.
D 3464	— — Auxiliary light	....	**F.—W. R.**	164	.....	Same tower	W. 200°–230°, R.–290°, obscured –200°.
41240 *D 3468*	— Robert Harbor, head of Luderitz Bay Canning Co. jetty.	26 37 15 10	**Gp. Fl. R. (2)** ...... period 5^s fl. 0.5^s, ec. 1^s fl. 0.5^s, ec. 3^s	16	7	White post, black bands; 9.	
41250 *D 3466*	— Shark Island, E. side of bay.	26 38 15 09	**Fl.—W. R. G** ...... period 10^s fl. 2.5^s, ec. 7.5^s Cp. 500	122	5	Square yellow tower; 11 ...	G. 39°–136°, W.–161°, R.–180°, obscured elsewhere. A F. R. light is shown on the west pier, and a F. G. light on the east pier.

UNION OF SOUTH AFRICA

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
41260 *D 3471*	**Port Nolloth,** Range, front	S. E. 29 15 16 52	**Qk. Fl. W.** or **R** 60 fl. per min.				Flashes W. when bar is open and R. when closed.
41260.1 *D 3472*	— Rear, 300 feet 66° 30′ from front.		**Fl. W** period 5^{s} Cp. 4,000	60	13	White iron column	**Diaphone:** 1 blast every 60^{s}. **Radiobeacon.** Signal station. Radiotelephone.
41268 *D 3475*	**Hondeklip Bay,** N. Side U.	30 18 17 16	**Gp. Fl. W. (3)** period 15^{s} fl. 0.5^{s}, ec. 1.5^{s} fl. 0.5^{s}, ec. 1.5^{s} fl. 0.5^{s}, ec. 10.5^{s}	96	15	Steel framework tower with a white diamond and red bands; 27.	
41270 *D 3474*	— Hondeklip Bay U.	30 19 17 17	**Fl. W** period 3^{s} Cp. 100	21	4	Iron column on white square concrete structure; 9.	Visible 80°–95°. **Diaphone:** 2 blasts every 30^{s}. *Occasional.*
41280 *D 3478*	Lambert Bay, Penguin Island, head of N. breakwater.	32 05 18 18	**Fl. W** period 10^{s} Cp. 2,000	40	11		
41290 *D 3479*	— South Breakwater, about 60 yards 157° from N. breakwater.		**Fl. G** period 4^{s}	23	2		
41300 *D 3480*	Berg River U.	32 47 18 08	**Fl. W** period 5^{s} Cp. 200	34	5	White concrete tower	
41310 *D 3482*	Stomp Neus Point, N. side of Cape St. Martin. U.	32 42 17 59	**Fl. W** period 3^{s} fl. 0.3^{s}, ec. 2.7^{s} Cp. 200	38	5	Black pyramidal wooden tower, white band; 15.	
41320 *D 3484*	**Cape Columbine**	32 50 17 51	**Fl. W** period 15^{s} Cp. 9,500,000	264	23	White square concrete tower; 50.	**Diaphone:** 1 blast every 60^{s}. **Radiobeacon.** Radiotelephone.
41330 *D 3488*	Saldanha Bay, North Head U.	33 03 17 55	**Gp. Fl. W. (3)** period 20^{s} Cp. 500	56	8	White square concrete tower, black stripe.	
41350 *D 3490*	Houtjes Point, near extremity. U.	33 02 17 58	**Fl.—W. R** period 10^{s} Cp. 500	53	8	Iron column	W. 16°–46°, R.–63°, obscured–116°, R.–148°, W.–326°, R.–16°.
41360 *D 3496*	**Dassen Island,** S. end of island.	33 26 18 05	**Gp. Fl. W. (2)** period 30^{s} fl. 3^{s}, ec. 4^{s} fl. 3^{s}, ec. 20^{s} Cp. 3,000,000	155	18	White cylindrical iron tower, red bands, dwelling; 80.	Radiotelephone.
41370 *D 3500*	**Robben Island,** on Minto Hill.	33 49 18 23	**Occ.—W. R** period 7^{s} lt. 5^{s}, ec. 2^{s} Cp. W. 464,000 R. 150,000	154	W. 18 R. 8	White cylindrical tower; 60.	R. 340°–351°, W.–340°. **Diaphone:** (W. extremity of island), 2 blasts every 40^{s}. Sounded only when fog approaches within 3 miles, otherwise on request by radio to Port Captain, Cape Town. **Radiobeacon.** Telephone to Cape Town. Radiotelephone.

UNION OF SOUTH AFRICA

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
41372 *D 3504*	Murrays Bay S. Breakwater	S. E. 33 48 18 23	**Qk. Fl. W** 60 fl. per min.	18	6		*Occasional.* **Horn:** 2 blasts every 30^{s}.
	TABLE BAY:						
41374 *D 3510*	— **Milnerton**	33 53 18 29	**Gp. Fl. W. (3)** period 20^{s} fl. 0.3^{s}, ec. 3.7^{s} fl. 0.3^{s}, ec. 3.7^{s} fl. 0.3^{s}, ec. 11.7^{s} Cp. 800,000	89	15	White concrete tower; 70	
			F. R. Cp. 2,500	78	10	Same tower	Visible 114°–139°.
41380 *D 3508*	— **Green Point,** S. point of bay.	33 54 18 24	**Fl. W** period 10^{s} Cp. 850,000	65	13	White square tower, red diagonal bands, and red dome; 52.	**Diaphone:** 1 blast every 30^{s}. Sounded only when fog approaches within 3 miles, otherwise on request by radio to Port Captain, Cape Town.
	— Capetown:						
41400 *D 3512*	— — Near head of N. breakwater. **U.**	33 54 18 26	**Gp. Fl. R. (2)** period 7.5^{s} fl. 0.2^{s}, ec. 1.7^{s} fl. 0.2^{s}, ec. 5.4^{s} Cp. 8,400	46	12	Steel framework tower	**Nautophone:** 3 blasts every 30^{s}.
41410	— *Lighted Buoy,* 1,370 yards, 49° from breakwater light.		**Occ. W** period 4^{s} lt. 2^{s}, ec. 2^{s} Cp. 130		8	Buoy	**Bell:** 1 stroke every 15^{s}.
41420 *D 3514*	— — Victoria Basin, N. side of entrance.		**2 F. G.** (vert.) Cp. 100	22 18	2	Framework mast on concrete pillar.	
41430 *D 3516*	— — — S. side of entrance.		**2 F. R.** (vert.) Cp. 100	22 18	2	Framework mast on concrete pillar.	
41440 *D 3522*	— — Duncan Dock, E. molehead. **U.**		**Fl. R** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s} Cp. 300	26	3		
41450 *D 3520*	— — — N. side of entrance. **U.**		**Fl. W** period 2^{s} fl. 0.5^{s}, ec. 1.5^{s} Cp. 2,000	26	10		
41460 *D 3532*	Hout Bay, head of breakwater.	34 03 18 21	**Fl. W** period 3^{s} Cp. 200	24	5	Square concrete tower	
41470 *D 3536*	**Slang Kop Point,** NW. of Cape of Good Hope.	34 09 18 19	**Gp. Fl. W. (4)** period 30^{s} fl. 0.6^{s}, ec. 3.9^{s} fl. 0.6^{s}, ec. 3.9^{s} fl. 0.6^{s}, ec. 3.9^{s} fl. 0.6^{s}, ec. 15.9^{s} Cp. 16,750,000	135	17	White cylindrical tower; 108.	

UNION OF SOUTH AFRICA

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
41480 *D 3540*	**Cape of Good Hope,** on extremity.	S. E. 34 21 18 29	**Gp. Fl. W. (3)** period 30ˢ fl. 0.6ˢ, ec. 3.6ˢ fl. 0.6ˢ, ec. 12.3ˢ fl. 0.6ˢ, ec. 12.3ˢ Cp. 19,500,000	286	23	Square masonry tower; 30	Visible 153°–106°. **Radiobeacon.**
D 3542			**F. R**	251	10	Base of same tower	Visible 299°–23°.

ISLANDS OF THE ATLANTIC

No.	Name and location	Position lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ASCENSION ISLAND (BR.)	**Long. W.**					
41490 *D 3590*	— Clarence Bay Range near Redpole Monument, front. **U.**	7 55 14 25	**F. G** Cp. 100	90	12	White concrete pillar, two black bands; 15.	
41490.1 *D 3592*	— — Rear, 198 yards 139° from front. **U.**		**F. G** Cp. 100	115	12	White concrete pillar, two black bands; 15.	*Only shown when vessels are seen approaching the bay.*
41495 *D 3593*	— Cross hill	7 56 14 24	**F., R. W.** (vert.)	930		Metal framework mast; 122.	F. R. lights are shown from; Cat hill 1.4 miles SSW, Red hill 1.2 miles S.
41500 *D 3594*	— Near Zymotic Hospital **U.**		**F. R** Cp. under 100	70	6	White concrete pillar, red diagonal stripe; 16.	*Only shown when vessels are seen approaching the bay.*
41510 *D 3602*	**St. Helena Island** (Br.), end of wharf in James Bay. **U.**	15 55 5 42	**F. W**		5	Post	
41511 *D 3604*	— Range, front	15 55 5 43	**F.G**			White triangular beacon; 6.	*Occasional.*
41511.1 *D 3605*	— — Rear, about 106 yards 172° from front.		**F.G**			White triangular beacon; 6.	*Occasional.*
41512	— Beacon	15 56 5 44	**F. R**			Building	*Occasional.*
41520 *D 3608*	Tristan da Cunha (Br.), Falmouth Bay.	37 03 12 18	**F. W**	160	2	White beacon	*Shown on request.* F. W. lighted beacon *(occasional)* about 0.3 mile 96°.

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Itea, Port 25660
Ithaki Island 25340
Ivan na Pucini, Sv 20310
Ivelo Island 40530
Ivi, Cap 36580
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Jazirat Dusuqi 34440
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Jean, St 9790
Jean de Luz, Baie de St 2610
Jeaune Garde 9400
Jeba River 39390
Jelsa 23650
Jerba, Point 36040
Jerba Island 35000
Jerolim, Sveti 20400
Jeronimo, San 5810.1
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John, Cape St 27390
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Joinville, Fort 36480
Joliette 9030
Jorge Island, San 37970
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Kophinas 32985
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Kozala, Plicina 20380
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Lago 40040
Lagos Bay 5370
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Lagosa Islet 26340
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Lakunji, Rt 20695
Lambert Bay 41280
Lameda, Punta 4570
Lamiaren, Punta 2930
Lampedusa 15560
Lampione, Isolotto 15620
Lana, Punta 3580
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Lantailla, Punta 38582
Lanzarote Island 38620
Lanzherorskiy 29944
Lapa 4810
Larache 37430
Laredo, Puerto de 3072
Larimna 27790
Larnaka 33930
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Lastavica 24470
Lastovo Island 24140
Latakiya 34060
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Laura, Cape 28340
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Lavardin, La 2200
Lave, Port de la 8900
Lavezzi, Ile 11890
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Lay, Le 2042
Lazaretta Bay 35880
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Lazereto, Punta 7280
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Legues, Port des	9180
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Lemes	23014
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Lendana	40800
Leonardo, Punta San	15670
Leonidi	26110
Lephtari Rock	28100
Lequeitio	2880
Leros Island	33030
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Leste, Ponta	38800
LeStiff	20
Leucate, Cap	8355
Levant, Ile du	9500
Levanzo, Isola	14900
Levitha Island	27230
Levkas Island	25210
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Levkonisia	28078
Liadi Islands	27220
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Licata	15160
Lido, Porto di	17440
Ligia Islet	27640
Lignano, Porto	17740
Limarsi, Punta	15650
Limasol	33902
Limmi	27810
Linaria Cove	28020
Lingua, Punta	14660
Linosa, Isola	15600
Lion de Mer Island	9620
Lipari Islands	14590
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Lirica Islet	24240
Lisan el Kahbe	33800
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Lissa Island	23690
Litari Point	28000
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Little Fish Bay	41100
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Llosa Shoal	8150
Loanda	40900
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Lobeira de Cambodas	4310

Lobeira Grande Island	4010
Lobito	41010
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Lombarde, La	1560
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Luarca	3550
Lugadia Rocks	24985
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Madonna, Punta	20060
Madonna dell Arco Church	14060
Maestra, Punta della	17280
Magnisi	15390
Magra River	11660
Mahdia	35300
Mahon, Port	7250
Maio Island	38880
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Mandelieu	9640
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Marathon Point	25780
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Margonajo Jetty	12050
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Maria Island, Santa	38170
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Marii Magdalini Rock	30910
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Marmari, Cape	33610
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Marsala, Punta	14940
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Marseille, So. Entrance	9000
Marta, Cabo de Santa	41080
Marta, Forte Santa	5142
Martin, Rio	37270
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Martin, Ville es	1630
Mary, Cape St	41070
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Murvica Islet 23100
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Nagara Kalessi 28730
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Nouvelle, La 8360
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Oinos Point 28570
Okedelrey, Punta 40400
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Oleron, Ile d 2260
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Oluce Burnu 32450
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Opatija 20860
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Orso, Capo 12850
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Ortona a Mare 16770
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Ostri, Point 24460
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Otok Skrda 22010
Otranto, Capo di 16170
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Ounia, Nisoi 33191
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Outer Reef Buoy No. 2 40200
Ovo, Torre dell 16070
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Palarisa 28032
Palau Point 13020
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Palazzo 24200
Paleo, Port 26080
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Pallice, La 2170
Palm Point 40110
Palma Bay 6990
Palma Island 38330
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Palmatero Shoal 25150
Palmeirinhas, Ponta das 40940
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Paloma, Punta 6000
Palos, Cabo de 6600
Palumbo, Scoglio 14990
Paluri, Cape 28250
Pampilbido 4862
Panagia, Cape 25200
Panagia Islet 32860
Panagiya Point 30900
Panarea, Isola 14630
Panayia, Akr 26140
Pancha Island 3640
Pangosi Point 32880
Panomi Point 28170
Pantelleria Island 15630
Pantera, Zaliv 22090
Paola 14380
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Papadhia, Cape 28282
Papas, Cape 25520
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Patmos Island 33000
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Pechiguera, Punta 38620
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Pego Shoal 4680
Pelagruz, Isola 16670
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Pelite Barge 1930
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Pelican Point 41190
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Pen Men 980
Penai Point 31770
Penas, Cabo 3440
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Yelenina Spit 31240
Yerongombos, Akr 25470
Yesilkoy 28870
Yeu, Ile d 1850
Yialtra Bay 27840
Yombe River 40710
Yum Burnu 29340

Z

Zadar, Port 22510
Zaforas Island 33190
Zafarin Islands 37070
Zaffarano, Capo 14740
Zaglav Rock 20730
Zaglav, Rt 21799
Zaglava Point 21760
Zahrani 34175
Zakinthos 25500
Zaliv, Gulf of 20820
Zaliv—*see proper name*
Zannone, Isola 13600
Zarzis 34970
Zaverda 25280
Zecevo 20700
Zecevo Islet 23620
Zeitin, Cape 29410
Zeitini, Cape 32580
Zeitun Burnu 29020
Zelenika 24500
Zeljanovo Point 24560
Zembretta Islet 35440

Zengg 21400
Zhdanov 31280
Zindjir Bozan Bank 28810
Zira Spit 34960
Zolotvie Peski 29600
Zonguldak Burun 32430
Zorog, Ras 34790
Zourva, Cape 26250
Zovollo Point 25990
Zlarin Island 22870
Zmeinyy Island 29740
Zub, Rt 20200
Zuljana Bay 24220
Zumaya 2830
Zyvi 33910

CANARY ISLANDS (S.)

No.	Name and location	Position, lat. ° long. ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
38610 *D 2786*	**Lobos Island,** Ponta Martino, off NE. side of Fuerteventura Island.	28 45 13 49	Gp. Fl. W. (2) period 5^{s} fl. 0.3^{s}, ec. 1.0^{s} " 0.3^{s}, " 3.4^{s}	90	14	Yellow conical tower, white octagonal lantern; 21.	Visible 83°–353°.
38620 *D 2782*	LANZAROTE ISLAND: — **Punta Pechiguera,** SW. extremity of island.	28 51 13 52	Gp. Fl. W. (4) period 11^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 1^{s} " 0.5^{s}, " 3^{s} " 0.5^{s}, " 3^{s}	47	13	Gray conical tower, white octagonal lantern; 31.	Visible 283°–146°.
38630 *D 2775*	— Rada de Arrieta, head of mole.	29 08 13 27	F. W		3		
38640 *D 2776*	— Puerto Naos, SE. Pass Range, front.	28 58 13 32	F. W	31	9	Green column, octagonal base, white lantern; 20.	Visible 240°–60°. Range lights.
38640.1 *D 2778*	— — Rear, 123 yards from front.		F. R	40	6	Green column, octagonal base, white lantern; 20.	
38650 *D 2779*	— — head of mole	28 58 13 32	F. W		1		
38660 *D 2780*	— Puerto Arrecife, head of breakwater.		Gp. Fl. G. (2) period 6^{s} fl. 0.3^{s}, ec. 0.4^{s} " 0.3^{s}, " 5^{s}	29	10	Aluminum skeleton structure; 21.	
38670 *D 2781*	— — Head of mole, about 585 yards 350° from light on head of breakwater.	28 58 13 32	F. W		3		
38680 *D 2772*	**Alegranza Island,** Punta Delgada, E. side of island.	29 24 13 29	Fl. W period 3^{s} fl. 0.3^{s}, ec. 2.7^{s}	52	12	Dark gray conical tower, white lantern; 49.	Visible 135°–45°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

CAPE VERDE ISLANDS (P.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SÃO ANTAO (ST. ANTONIO) ISLAND:	N. W.					
38690 *D 2958*	— Porto dos Carvoeiros, SE. side of island.	17 01 25 04	**F. R**	46	2	White masonry tower, red lantern on customhouse wall; 14.	
38700 *D 2950*	— **Fontes Pereira de Melo (Ponta de Tumba)**, NE. side of island.	17 07 24 58	**F., Fl.—W** period 58^s fl. 11^s, F. 47^s Cp. F. 1,200, Fl. 43,000	527	Fl. 27 F. 15	White octagonal masonry tower, dwelling; 34.	Visible 141°–321°.
38710 *D 2952*	— Ponta do Sol, N. point of island.	17 12 25 06	**F. W** Cp. under 100	35	7	Gray iron hut, masonry base; 28.	Visible 110°–250°.
38720 *D 2954*	— **Ponta Oeste, (Ponta do Chão de Mangrade)** W. side of island. **U.**	17 03 25 22	**Gp. Fl. W. (2)** period 10^s fl. 0.4^s, ec. 1.6^s " 0.4^s, " 7.6^s	316	14	White square truncated pyramidal iron structure, red lantern, concrete base; 14.	Visible 5°–200°.
	SÃO VICENTE (ST. VINCENT) ISLAND:						
38730 *D 2946*	— **D. Amelia (Ponta do Machado)**, W. point of San Pedro Bay, SW. point of island.	16 50 25 05	**Fl. W** period 9^s fl. 2^s, ec. 7^s Cp. 900	182	13	White square masonry tower, dwelling; 46.	Visible 302°–172°.
38740 *D 2942*	— **D. Luiz (Isla do Passaro)**, Porto Grande entrance, NW. side of island. **U.**	16 55 25 01	**Gp. Fl. W. (3)** period 10^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 1.2^s " 0.3^s, " 6.7^s Cp. 900	283	12	White truncated hexagonal pyramid, red lantern; 15.	Semaphore. Obscured 258°–57° and 91°–196°. **Bell.**
38750	— Porto Grande, cable station.	16 53 25 00	**F.—W. G**	-----	3	Beacon	W. 49°–94°, G.–154°.
38760 *D 2944*	— Porto Grande, Mindello, extremity of customhouse pier.	16 53 24 59	**F. R**	21	2	Gray iron structure, concrete base; 20.	

CAPE VERDE ISLANDS (P.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SÃO NICOLAU (ST. NICHOLAS) ISLAND:	N. W.					
38770 D2934	— **Ponta do Barril,** W side of island.	16 36 24 25	**F. W** Cp. 900	34	11	Gray iron hut, masonry base near dwelling; 27.	Visible 320°–150°.
38780 D 2936	— Porto Velho (Preguica), SE. side of island.	16 34 24 17	**F. W** Cp. under 100	126	7	Gray iron hut, masonry base; 25.	Visible 285°–15°.
38790	— — Head of mole		**F. R**		2	White concrete pillar	
38800 D 2930	— **Ponta Leste,** E. end of island. U.	16 34 24 00	**Gp. Fl. W. (4)** period 10^{s} fl. 0.3^{s}, ec. 1.2^{s} " 0.3^{s}, " 1.2^{s} " 0.3^{s}, " 1.2^{s} " 0.3^{s}, " 5.2^{s}	237	14	White truncated iron pyramidal tower, red lantern, concrete base; 14.	Visible 140°–30°.
	SAL ISLAND:						
38810 D 2926	— **Ponta Norte,** N. end of island.	16 51 22 55	**F. W** Cp. 900	81	13	White cylindrical iron tower, square base, dwelling near by; 50.	Visible 108°–268°. **Radiobeacon.**
38820 D 2922	— Ponta do Sino, 328 yards within extremity.	16 35 22 56	**F. W** Cp. under 100	31	7	Gray square iron hut, masonry base; 30.	Visible 300°–142°.
38830 D 2924	— Ponta de Vera Cruz, Porto Santa Maria.	16 36 22 54	**F. R**	17	3	Gray iron structure; 13.	
38840	— Morro do Curral AVIATION LIGHT, on 354-foot summit.	16 46 22 57	**Alt. Fl.—W. G.** period 10^{s}	355	25		Range lights are shown in Porto Pedro de Luma.
	BOAVISTA ISLAND (ISLA DE SAL REI):						
38850 D 2918	— **Calhéta do Vélho, Ponta Escuma,** W. side of island.	16 10 22 57	**F. W** Cp. under 100	83	8	Iron hut with support partly enclosed in concrete; 25.	Visible 8°–178°. A F. R. light, visible 3 miles, is shown on pier.
38860 D 2916	— **Ponta do Sol** U.	16 13 22 56	**Gp. Fl. W. (2)** period 10^{s} fl. 0.4^{s}, ec. 1.6^{s} " 0.4^{s}, " 7.6^{s}	368	14	White truncated iron pyramidal tower, red lantern, concrete base; 14.	Visible 17°–272°.
38870 D 2914	— **Morro Negro,** E. side of island.	16 06 22 41	**Fl. W** period 2^{s} fl. 0.3^{s}, ec. 1.7^{s}	532	21	Small white quadrangular concrete tower on dwelling; 36.	Visible 163°–35°. A F. R. light, visible 3 miles, is shown on the pier.
38880 D 2872	**Forte de S. Jose (Maio Island),** NNE. angle of Fort at Porto Ingles.	15 08 23 13	**F. R** Cp. under 100	62	5	Black iron hut, masonry base; 23.	Visible 315°–130°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CAPE VERDE ISLANDS (P.)—Continued						
	SAO TIAGO ISLAND:	N. W.					
38890 *D 2876*	— **Maria Pia (Ponta Temerosa),** SE. side of island.	14 54 23 31	**Gp. Fl. W. (2)** period 10ˢ fl. 0.4ˢ, ec. 1.6ˢ " 0.4ˢ, " 7.6ˢ	82	10	White octagonal masonry dwelling, tower; 69.	Visible 258°–95°. **Bell.**
38900 *D 2878*	— Porto Praia, head of customhouse mole, front.	14 54 23 31	**F. R**	19	2	Red iron framework structure; 10.	Range lights.
38900.1 *D 2880*	— — Rear, on customhouse, 295° from front.		**F. R**	40	2	2-story building, white corners; 34.	
38910 *D 2882*	— Ponta do Lobo, near E. extremity of island.	14 59 23 26	**F. W.** Cp. under 100	47	8	Black iron structure, masonry base; 25.	Visible 190°–355°.
38920 *D 2888*	— **Ponta Moreira,** N. end of island. **U.**	15 20 23 45	**Gp. Fl. W. (6)** period 20ˢ fl. 0.3ˢ, ec. 1.5ˢ " 0.3ˢ, " 1.5ˢ " 0.3ˢ, " 1.5ˢ " 0.3ˢ, " 1.5ˢ " 0.3ˢ, " 10.7ˢ	316	14	White building, concrete base, red lantern; 13.	Visible 55°–275°.
38930 *D 2890*	— **Ponta Preta,** NW. side of entrance to Tarrafal Bay.	15 18 23 46	**F. W** Cp. 100	123	8	Red iron hut, support, masonry base; 23.	Visible 50°–190°. A F. R. light, visible 2 miles, is shown from Tarrafal Pierhead.
38940 *D 2884*	— Ribeira de Barca	15 07 23 46	**F. R**	19	4	Red post; 10	Visible 80°–121°.
38950 *D 2908*	Brava Island, Ponta da Jalunga, entrance to Furna Cove.	14 53 24 41	**F. W** Cp. under 100	77	7	Gray lantern on white masonry column; 26.	Visible 187°–7°. A F. R. light is shown at Furna.
	FOGO ISLAND:						
38960 *D 2900*	— Fortim Carlota (Sao Filipe), in the Port of Vila.	14 53 24 31	**F. R**	119	2	Red iron post on wall of fort; 15.	Visible 310°–150°.
38970	— **Ponta do Alcatraz**	14 50 24 19	**Fl. W** period 5ˢ fl. 0.5ˢ, ec. 4.5ˢ	443	13	White truncated square pyramidal iron hut, red lantern, concrete base; 13.	Visible 225°–45°.
38980 *D 2910*	— **Ponta Nho Martinho,** S. point of island. **U.**	14 49 24 43	**Gp. Fl. W. (4)** period 20ˢ fl. 0.4ˢ, ec. 1.6ˢ " 0.4ˢ, " 1.6ˢ " 0.4ˢ, " 1.6ˢ " 0.4ˢ, " 13.6ˢ	1113	13	White hut, concrete base, red lantern; 13.	Visible 247°–100°.
38990 *D 2904*	Ilhèu de Cima	14 58 24 39	**Gp. Fl. W. (3)** period 20ˢ fl. 0.6ˢ, ec. 2.5ˢ " 0.6ˢ, " 2.5ˢ " 0.6ˢ, " 13.2ˢ	262	17	White square truncated pyramidal hut, concrete base, red lantern; 15.	Obscured 252°–304°, and 10°–47°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

SPANISH SAHARA (RIO DE ORO)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39000 *D2617*	Tan Tan anchorage about 875 yards S. of Govt. warehouse.	28 30 11 21	Gp. Fl. W. (3) period 10^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 7.1^s	95	8	White quadrangular tower; 13.	
39010 *D2620*	Cape Juby Airfield AVIATION LIGHT.	27 57 12 55	Fl. W period 12^s	45	12	On tallest building at airfield.	Light is exhibited from sunset to sunrise. 3 F. R. (vertical) mark radio-mast 110 yards 35°.
39020 *D 2618*	— On fort	27 57 12 56	Gp. Fl. R (2) period 8^s fl. 0.3^s, ec. 1.2^s " 0.3^s. " 6.2^s	11	6	Fort	**Radiobeacon.**
39030 *D2622*	Aiun, about 7 miles S. of Hi Bahli.	27 06 13 17	Fl. W period 5^s fl. 0.3^s, ec. 4.7^s	30	8	------	
39034 *D 2624*	Cape Bojador	26 07 14 27	Gp. Fl. W. (3) period 12^s	-----	12	Tower under construction.	
39040 *D 2972*	Villa Cisneros, Oro River, on Arcipres Grande.	23 44 15 57	Fl. W period 3^s fl. 0.3^s, ec. 2.7^s	99	10	Tower attached to fort; 40.	Visible 45°–225°. F. R. and Yellow lights mark radio masts.
39050 *D2974*	**Villa Cisneros:—E.** side of airfield.	23 42 15 56	Gp. Fl. W. (2) period 10^s	239	20	Iron tower; 217	Obscured by building 29°–50° and by Arcipres Grande 119°–134°. Shown from 2200 to 0600. **Radiobeacon.** Fl. W. Aero about 0.4 mile 321°.
39060 *D 2973*	**Punta Durnford,** on extremity of Peninsula del Rio de Oro.	23 38 16 00	Gp. Fl. R. (2) period 8^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 6.2^s	39	W. 9 R. 8	Gray pyramidal masonry tower; 23.	W. 15°–95°, R.–15°.
	ANGARA DE CINTRA BAY:						
39070 *D2975*	— N. point of entrance	23 07 16 10	Gp. Fl. W. (4) period 10^s fl. 0.3^s, ec. 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 1.0^s " 0.3^s, " 5.8^s	48	10	Hexagonal masonry tower; 33.	
39080	— Range, front	23 03 16 08	Fl. W period 5^s fl. 0.3^s, ec. 4.7^s	39	10	Square masonry tower; 20.	Range lights.
39080.1	— — Rear, 90° from front.	-----	Occ. W period 4^s lt. 2^s, ec. 2^s	70	12	Square masonry tower; 23.	
39090 *D 2977*	Presq ile du Cap Blanc, Punta de la Guera.	20 50 17 06	Fl. R period 5^s fl. 0.3^s, ec. 4.7^s	44	10	White square masonry tower.	Visible 267°–177°

SPANISH SAHARA (RIO DE ORO)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ANGARA DE CINTRA BAY:	N. W.					
39100	— Beacon		**Gp. Occ. W.** (2). period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s				
39110	— *Entrance Lighted Whistle Buoy.*	20 40 17 05	**Gp. Fl. W.** (2) period 9^s fl. 1.5^s, ec. 1.5^s " 1.5^s, " 4.5^s.			Red and white banded buoy.	**Whistle.** Radar reflector.

MAURITANIA (F.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39120 *D 2976*	**Cap Blanc,** near SE. extremity of cape.	20 46 17 03	**Fl. W** period 5^s	141	18	Octagonal tower, black and white bands, black lantern; 66.	
39130 *D 2978*	**Pointe de Cansado,** inside Levrier Bay.	20 51 17 02	**Fl.—W. R.** period 1.5^s	52	12	Cupola of white house; 16.	R. 300°–358°, W.–300°.
39140 *D 2980*	**Port Étienne,** NW. side of Cansado Bay.	20 54 17 03	**Occ.—W. R. G.** period 4^s lt. 2^s, ec. 2^s Cp. W. 3,000, R. 600, G. 375	33	10	White pylon; 24.	G. 205°–259°, W.–269° R.–101°. **Radiobeacon.**
	PORT ETIENNE:						
39160 *D 2982*	— About 1.3 miles NE. of Port Étienne Light AVIATION LIGHT.	20 56 17 02	**Gp. Fl. W.** (2) period 15^s fl. 0.3^s, ec. 2.0^s " 0.3^s, " 12.4^s Cp. 3,000	23	9	White blockhouse	Shows letter "P" in Morse Code.

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SENEGAL (F.)						
		N. W.					
39180 *D 2998*	**St. Louis Grandiole,** near pilot station.	15 54 16 31	**Gp. Occ. W. (2)** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s	79	14	Tower, white and black bands.	The Senegal River is marked by several R. and G. lights.
39190 *D 3002*	Almadi Point, N. side of Cap Vert. **U.**	14 45 17 33	**Occ. W** period 6^s lt. 4^s, ec. 2^s	46	14	White cylindrical tower, black bands; 39.	**Gun:** 1 report every 30^s.
39200 *D 3004*	**Cap Vert (Verde),** W. mound.	14 43 17 31	**Fl. W** period 5^s	370	32	White cylindrical tower; 66.	May be confused with Cap Manuel Light in hazy weather. R. aviation light on top of same tower shows Morse letter M every 2^s.
39210 *D 3008*	**Cap Manuel,** entrance Goree Bay.	14 39 17 27	**Fl. R** period 5^s	171	19	White square tower on dwelling, red pillars; 39.	Obscured over Madeleine Island. May be confused with Cap Vert Light in hazy weather.
D 3010			**F.—W. R**	167		Square tower	R. 83°–128° over Madeleine Island, and 204°–254°.
	DAKAR:						
39220 *D 3017*	— Île de Goree, S. end	14 40 17 24	**Gp. Occ. (2) — W. R.** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s	73			W. 207°–62°, R.–87°.
39230 *D 3012*	— Head of N. breakwater, 1,200 yards 14° from Dakar Fort.	14 41 17 25	**Occ. G** period 4^s lt. 2^s, ec. 2^s	82	12	Square white tower, octagonal lantern; 10.	
39240 *D 3014*	— Head of S. jetty		**Gp. Occ. R. (4)** period 12^s lt. 5^s, ec. 1^s " 1^s, " 1^s " 1^s, " 1^s " 1^s, " 1^s	30	6	Round red lantern; 30	
39250	— Head of Arsenal Wharf.		**F.,W., F.R.** (vert.).				

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			SENEGAL (F.)				
39255	DAKAR: — Chenal des Arachides Range, front.	N. W. 14 41 17 26	F. G				Range lights.
39255.1	— — Rear, about 365 yards 345° from front.		F. G				
39260	— Airport, head of mole	14 42 17 25	2 F. R			Post	**Radiobeacon.**
39270 *D 3018*	Rufisque, N. side of Goree Bay.	14 43 17 18	F. G	39	4	Lantern on white house	
39280	Joal	14 10 16 50	Occ. W period 6^s lt. 4.5^s, ec. 1.5^s	31		Pylon on water cistern	
39290	*Saloum Entrance Lighted Whistle Buoy.*	13 50 16 50	Fl. W period 6^s fl. 1.5^s, ec. 4.5^s			Buoy, red and white stripes.	**Whistle.** Radar reflector.
			GAMBIA (BR.)				
39300 *D 3034*	**Bijol Islands,** on SW. island, off Bald Cape. U.	13 23 16 48	Gp. Fl. W. (3) period 15^s fl. 0.5^s, ec. 1.5^s " 0.5^s, " 1.5^s " 0.5^s, " 10.5^s	55	12	Black steel tower, upper part white; 50.	The Gambia River entrance is marked by buoys showing Fl. R. and Fl. W. lights.
39310 *D 3036*	*Gambia River Fairway No. 1 Light and Bell Float.*	13 32 16 54	Fl. W period 10^s			Red hull	**Bell.** The channel to the entrance is marked by light buoys showning Fl. R. and Fl. W. lights.
39320 *D 3037*	— *Middle Light and Bell Float No. 2.*	13 32 16 48	Fl. R period 7.5^s			Red hull	**Bell.**
39330 *D 3028*	Bathurst on observation spot.	13 27 16 34	Fl. W period 10^s fl. 1^s, ec. 9^s	55	10	White steel mast with black bands and wooden topmark; 23.	F. R. and F. G. lights are shown from the north and south ends, respectively, of Government Wharf, and F. R. lights on the tops of the radio masts. **Radiobeacon.**
39340 *D 3026*	Barra Point, NW. corner of fort.	13 29 16 33	Fl. R period 5^s fl. 0.5^s, ec. 4.5^s	36	6	Small concrete tower	

KASAMANZE (F.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39350	Casamance River, *Entrance Lighted Whistle Buoy.*	12 36 16 54	Gp. Fl. W. (2) period 9ˢ fl. 1.5ˢ, ec. 1.5ˢ " 1.5ˢ, " 4.5ˢ	-----	-----	Red and white striped buoy, X topmark.	**Whistle.** Radar reflector.
39360 *D 3038*	Kasamanze River, Pointe Diogue (Jogue Point).	12 35 16 48	F. W	66	10	Pylon with 2 rectangular daymarks, upper part black, lower part white; 60.	
39368	— Cabo Roxo	12 20 16 47	Fl. W period 8ˢ fl. 0.7ˢ, ec. 7.3ˢ	82	15	White square framework tower.	(*Guinea*)

GUINEA (P.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	CACHEU (CACHEO) RIVER:						
39370 *D 3042*	— Cape Mata U.	12 10 16 22	Fl. W period 3ˢ fl. 0.3ˢ, ec. 2.7ˢ	46	5	White cylindrical iron tower on two superposed pyramids; 43.	
39380 *D3044*	— Cacheo Fort (Baluarte de San Fernando). U.	12 17 16 14	Fl. W period 10ˢ fl. 0.5ˢ, ec. 9.5ˢ	43	5	White cylindrical tower, pyramidal base; 30.	
	JEBA RIVER:						
39390	— *Jeba River Lighted Buoy.*	11 48 16 41	Fl. W period 4ˢ fl. 0.3ˢ, ec. 3.7ˢ	13	4	Black can buoy	
39400 *D 3050*	— **Cayo (Caio) Island,** on middle Cayo Island, N. side of Jeba River entrance. U.	11 50 16 23	Gp. Fl. W. (2) period 10ˢ fl. 0.7ˢ, ec. 0.3ˢ " 0.7ˢ, " 8.3ˢ	127	15	White cylindrical stone tower, black bands.	**Radiobeacon.**
39410	— — E. side Cayo Island, head of mole.	11 50 16 22	F. R	20	2	Iron post	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GUINEA (P.)						
	JEBA RIVER:	N. W.					
39414	— Jatt (Jeta) Island, SE. extremity.	11 50 16 18	**Fl. W** period 3.5^{s} fl. 0.2^{s}, ec. 3.3^{s}	33	-----	Cylindrical masonry tower, square base.	
39420 *D 3054*	— Arlett Point, N. side channel. **U.**	11 46 16 08	**Gp. Fl. W. (3)** period 10.6^{s} fl. 0.2^{s}, ec. 1.0^{s} " 0.2^{s}, " 1.0^{s} " 0.2^{s}, " 8.0^{s}	46	10	White cylindrical masonry tower; 29.	
39430	— Ancora Island about 3.25 miles 110° from Arlett Point light.	-------	**Fl. R** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}	17	4	White concrete tripod.	
39440 *D 3056*	— Biombo Point, N. side of channel. **U.**	11 45 16 00	**Gp. Fl. W. (4)** period 16.5^{s} fl. 0.3^{s}, ec. 1.8^{s} " 0.3^{s}, " 1.8^{s} " 0.3^{s}, " 1.8^{s} " 0.3^{s}, " 9.9^{s}	46	10	White cylindrical tower; 33.	
39450	— Ponta Prainha, (S. Martinho).	11 45 15 50	**Fl. W** period 6^{s} fl. 1^{s}, ec. 5^{s}	26	9	White cylindrical tower, concrete base.	
39460 *D 3057*	— Bernafel Point, about 1.4 miles offshore.	11 47 15 42	**Gp. Fl. W. (2)** period 15^{s} fl. 0.5^{s}, ec. 1^{s} " 0.5^{s}, " 13^{s}	26	6	Cylindrical tower, upper part red and white bands, lower part white.	
39470 *D 3058*	— Passaro Island, near Bissao Channel. **U.**	11 50 15 38	**Gp. Fl. R. (5)** period 20^{s} fl. 0.5^{s}, ec. 1.5^{s} " 0.5^{s}, " 1.5^{s} " 0.5^{s}, " 1.5^{s} " 0.5^{s}, " 1.5^{s} " 0.5^{s}, " 11.5^{s} Cp. 400	62	8	White square masonry tower.	
39480 *D 3062*	— Rey (Rei) Island **U.**	11 52 15 37	**Fl. G** period 3^{s} fl. 0.5^{s}, ec. 2.5^{s}	30	3	White cylindrical hut on iron skeleton structure; 21.	
39483	— Porto de Bissao Range, front, head of Pigiguiti Mole.	11 52 15 38	**F. R**	30	2	Iron post	Range lights.
39483.1	— — Rear, Amura Fortress, about 0.2 mile 15° from front.	-------	**F. R**	85	2	Iron post on roof of fortress.	

GUINEA (P.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	JEBA RIVER:	N. W.					
39490 *D 3064*	— Pedro Alvares Rocks, W. side of Arcas Channel. U.	11 39 15 44	**Gp. Fl. W. (3)** period 6^s fl. 0.3^s, ec. 0.7^s " 0.3^s, " 0.7^s " 0.3^s, " 3.7^s	36	11	Square white masonry tower, gallery.	
39495	— Coroadas Areias, NNE of Ilha das Areias.	11 45 15 35	**Fl. W** period 2^s fl. 0.2^s, ec. 1.8^s	33	6	Iron tower on piles	
	BOLAMA CHANNEL:						
39500 *D 3068*	— Gallinhas (Gallinha) Island on NE. extremity, W. side of channel. U.	11 30 15 41	**Fl. G** period 2^s	26	5	White square masonry tower; 26.	
39510 *D 3066*	Punta Oste (Bolma Point), W. side of Bolama Island, E. side of channel. U.	11 32 15 40	**Gp. Fl. W. (2)** period 6^s fl. 0.3^s, ec. 0.9^s " 0.3^s, " 4.5^s Cp. 400	43	11	White square iron tower, △ top mark; 36.	F. R. and F. G. lights are shown from outer end of mole at Port Bolama.
39520	— Preco Leve, about 2 miles W. of Colónia Pt.	-------	**Fl. W** period 4^s fl. 0.3^s, ec. 3.7^s	30	6	White cylindrical tower, square base.	
	BOLOLA CHANNEL:						
39525	— Sao Joao on causeway NE. of telegraph station.	11 36 15 28	**Qk. Fl. G** 60 fl. per min.	10	3	White concrete pillar	
39530 *D 3072*	— Colónia Point U.	11 33 15 26	**Gp. Fl. W. (4)** period 12^s fl. 0.5^s, ec. 1^s " 0.5^s. " 1^s ' 0.5^s, ' 1^s " 0.5^s, " 7^s Cp. under 200	59	8	White square masonry tower; 39.	
39540 *D 3074*	— Cobras (Calypso) Island, N. point.	11 40 15 29	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s Cp. under 100	49	6	White masonry tower; 41.	
39550 *D 3076*	Barel Point, E. side of Kanabak (Roxa) Island. U.	11 14 15 44	**Gp. Fl. W. (3)** period 6^s fl. 0.3^s, ec. 0.7^s " 0.3^s, " 0.7^s " 0.3^s, " 3.7^s	93	10	White square masonry tower, red cross on E. face; 46.	

GUINEA (P.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
39560 *D 3082*	**Poilao Island,** E. side of Orango Channel. **U.**	10 52 15 45	**Gp. Fl. W.** (2) period 6ˢ fl. 0.3ˢ, ec. 0.9ˢ " 0.3ˢ, " 4.5ˢ Cp. 1,300	86	15	White square iron frame work tower, square daymark.	
39570 *D 3080*	Cape Cameleão (Cameleon), SE. point of Orango Island. **U.**	11 03 15 54	**Gp. Fl. W.** (5) period 15ˢ fl. 0.5ˢ, ec. 1.0ˢ " 0.5ˢ, " 1.0ˢ " 0.5ˢ, " 1.0ˢ " 0.5ˢ, " 1.0ˢ " 0.5ˢ, " 8.5ˢ Cp. under 200	72	12	White iron tower, black and white balcony; 33.	

GUINEA (F.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39580 *D 3084*	Rio Nunez, Victoria	10 49 14 34	**F. W**	49	4	Wooden pylon, platform; 33.	
39590 *D 3090*	**Ile Tamara,** near S. end	9 27 13 50	**Fl. W** period 5ˢ	311	24	White circular tower; 20.	Obscured 161°–220° and 235°–283°. Signal station.
39595	Pointe du Mat Range, front, on wharf.	9 29 13 45	**Gp. Occ. R.** (2) period 6ˢ lt. 3ˢ, ec. 1ˢ " 1ˢ, " 1ˢ Cp. 10,000	30	11	On transporter	Range lights, synchronized.
39595.1	— Rear, about 155 yards 321° from front.	------	(Information not available).	49	11	Pylon	
39600 *D 3092*	Boulbine, SW. side of Ile Konakri, on reef.	9 30 13 43	**Gp. Occ. (3) — W. R.** period 15ˢ lt. 6ˢ, ec. 2ˢ " 1.5ˢ, " 2ˢ " 1.5ˢ, " 2ˢ	33	W. 10 R. 8	White tower, red cupola; 33.	W. 108° 30′–112° 30′, R.–315°, W.–15°, R.–108° 30′.
39610 *D 3090*	— On wharf, about 0.8 mile 8° from Boulbine Light.	9 30 13 43	**F. G**	-----	-----	----------	
39620 *D 3096*	**Ile Matakong** (Matacong), summit, N. side of Florikaria River entrance.	9 16 13 26	**F. W**	69	6	White tower; 39	
39630	*Mellacoree River Lighted Whistle Buoy.*	9 04 13 28	**Occ. W** period 6ˢ lt. 4.5ˢ, ec. 1.5ˢ	-----	-----	Buoy, red and white stripes, X-topmark.	**Whistle.**

SIERRA LEONE (BR.)

No.	Name and location	Position, lat., long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39640 *D 3098*	**Cape Sierra Leone**	N. W. 8 30 13 18	**Fl. — W. R** period 15ˢ	78	14	White circular tower with red lantern; 69.	R. 64°–89°, W.–64°. **Radiobeacon.**
D 3100			**F. R** Cp. 3,500	50	12	Same tower	Visible 64°–89°.
39670	— *Fairway Lighted Buoy*, 1.17 miles 287° from Cape Sierra Leone Light.	8 30 13 19	**Fl. W** period 5ˢ			Black conical buoy	*Radar reflector. Reported showing Gp. Fl. W. (2) every 5ˢ, and not equipped with radar reflector (1952).*
39680	King Tom Point	8 30 13 15	**F. R**	15		White beacon; 7	
39690	Freetown, Government wharf.	8 30 13 14	**F. G**				
39700 *D 3102*	Meheux Island, Banana Islands, SW. extremity. U.	8 05 13 15	**Fl. W** period 20ˢ fl. 2.4ˢ, ec. 17.6ˢ	100	8	White tower; 12	Visible 298°–180°.
39704	*Shoals of St. Ann Lighted Bell Float.*	7 49 13 42	**Gp. Fl. W. (2)** period 10ˢ			Light float	Bell. (*Sierra Leone*).

LIBERIA [1]

No.	Name and location	Position, lat., long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39720 *D 3110*	**Cape Mesurado**, summit of cape, Monrovia Bay.	6 19 10 49	**Fl. W** period 10ˢ Cp. 190,000	279	23	White conical masonry tower; 20.	
39730 *D 3107*	— S. Breakwater	6 21 10 49	**Fl. R**	33	4		
39740 *D 3106*	— N. Breakwater, 333 yards 43° from light on S. breakwater.		**Fl. G**	33	7		
	CAPE MESURADO:						
39750 *D 3108*	— Entrance Range, 1.12 miles 116° from light on S. breakwater, front.		**F. W**	55	11		Range lights. F. R. lights 21 feet high, visible 3 miles, mark limits of quay.
39750.1 *D 3108.1*	— — Rear, 333 yards 120° from front.		**F. W**	70		Top of water tank	
39755	Junk River	6 08 10 23	Occ. W period 5ˢ		15		

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[1] The lights of Liberia are unreliable.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	LIBERIA [1]						
39760 *D 3112*	**Grand Bassa Point** U.	N. W. 5 52 10 04	**Fl. W** period 4^s	40	11	White cylindrical tower; 35.	*Occasional.*
39770 *D 3114*	**Sinu Bay,** near South Point. U.	4 59 9 02	**Gp. Fl. W. (3)** period 120^s fl. 0.3^s, ec. 20^s " 0.3^s, " 20^s " 0.3^s, " 71^s	100	15	White square tower; 26	
39780 *D 3116*	**Cape Palmas,** SW. point of Africa.	4 22 7 44	**Gp. Fl. W. (2)** period 20^s fl. 0.3^s, ec. 4.7^s " 0.3^s, " 14.7^s Cp. 490,000	104	16	White conical tower; 13	*Reported extinguished (May 1952).*
	IVORY COAST (F.)						
39790 *D 3120*	Pointe Tafu, entrance to Tabou River.	4 25 7 22	**Gp. Fl. W. (2)** period 6^s fl. 1^s, ec. 1^s " 1^s, " 3^s	82	15	White tower, black band; 33.	Visible over a sector of 190°.
39800 *D 3122*	Sassandra	4 57 6 04	**F. W**	197	9	Turret; 23	Visible over sector of 250°.
39802	— Head of mole	4 58 6 04	**Occ. R** period 6^s lt. 4.5^s, ec. 1.5^s Cp. 100	49	8	White pylon, red band; 13.	
39810 *D 3142*	**Grand Lahu** (Lanou)	5 08 5 01	**F. W**	49	10	White tower; 33	Visible over a sector of 180°.
	ABIDJAN: — Vridi Channel Entrance:						
39820	— — West Jetty	5 15 4 00	**Gp. Occ. R. (2).** period 9^s lt. 4.5^s, ec. 1.5^s " 1.5^s, " 1.5^s	49	11	Black pylon; 39	
39830	— — Beacon	------	**Occ. G** period 4^s lt. 2^s, ec. 2^s	49	10	Black pylon; 39	

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[1] The lights of Liberia are unreliable.

IVORY COAST (F.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. W.					
39831	— Canal Vridi Range, front, about 0.6 mile 306° 30′ from West Jetty Light.	-------	**Occ. R** period 6ˢ lt. 4.5ˢ, ec. 1.5ˢ Cp. 1,000	62	13	White framework pylon; 30.	Several F. R. and F. G. lights mark the channel. Range lights.
39831. 1	— — Rear, about 0.2 mile 297° from front.	-------	**F. W** Cp. 5,000	79	14	Red and white framework pylon; 46.	
39840 *D3128*	**Port Bouët** about 400 yards W. of root of pier.	5 15 3 56	**Gp. Fl. W. (3)** period 15ˢ fl. 0.2ˢ, ec. 2.8ˢ " 0.2ˢ, " 2.8ˢ " 0.2ˢ, " 8.8ˢ Cp. 400,000	**111**	**16**	Square white tower; 89.	**Radiobeacon.** Reserve light Gp. Fl. W. (3) ev. 12ˢ.
39850 *D 3130*	**Grand Bassam**	5 12 3 43	**Fl. W** period 5ˢ fl. 0.4ˢ, ec. 4.6ˢ	105	16	White cylindrical tower	2 F. G. lights, in range 7°, mark E. limit of prohibited anchorage.

GOLD COAST (BR.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
39860 *D 3138*	**Bobowasi Island,** summit, SE. side of Axim Bay.	4 52 2 15	**Occ. — W. R** period 20ˢ lt. 17ˢ, ec. 3ˢ	78	14	White tower, red dome	W. on bearings S. of 83°; R. elsewhere.
39870 *D 3140*	**Cape Three Points,** Middle Point.	4 45 2 06	**Fl. W** period 5ˢ fl. 0.3ˢ, ec. 4.7ˢ	126	17	White cylindrical tower, red lantern; 61.	Visible 268°–120°.
	TAKORADI BAY:						
39880	— *Lighted Whistle Buoy,* 2.8 miles 100° from head of main breakwater.	4 53 1 41	**Fl. W** period 10ˢ fl. 1ˢ, ec. 9ˢ	-----	-----	Red and white striped buoy.	**Whistle.** Radar reflector. A F. R. light is shown from each of the three radio masts about 1 mile N. of Takoradi.
39890 *D 3150*	— Harbor Range, corner of shed, front.	4 53 1 45	**F. G**	-----	2	Corner of shed	Range lights.
39890.1 *D 3152*	— — Rear, 123 yards 279° from front.	-------	**F. G**	-----	2	On Administration building, NE. corner of harbor.	
39900 *D 3146*	— Head of main breakwater. **U.**	4 53 1 44	**F. R** Cp. 1,000	35	3	Iron structure; 25	
39910 *D 3144*	— Main breakwater, 320 yards from head.	-------	**F. G**	18	-----	Beacon	Visible 61°–138°.
39915 *D 3148*	— Head of N. breakwater.	-------	**F. G** Cp. 700	32	7	-----	**Bell:** 1 stroke every 5ˢ. A F. W. light is shown about 75 yards 188° 30′.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			GOLD COAST (BR.)				
39920 *D 3156*	**Sekondi,** SE. corner of Fort Orange.	N. W 4 56 1 42	**Gp. Occ. (2) — W. R.** period 30^s lt. 21^s, ec. 3^s " 3^s, " 3^s	128	17	White tower, gray lantern; 46.	W. 181°–0°, R.–46°, obscured elsewhere.
39930 *D 3158*	Cape Coast Castle, Fort William, 600 yards inland.	5 06 1 14	**F. W**	200	10	White cylindrical tower; 61.	Signal station.
39940 *D 3162*	**Akkra (Accra),** near Fort Jamestown.	5 32 0 13	**Gp. Fl. W. (4)** period 25^s	110	16	Gray circular tower; 93.	Visible 245°–77°.
39950 *D 3164*	— Head of breakwater		**F. R**	28			A F. R. light is shown from head of railway pier.
39953	— AVIATION LIGHT	5 36 0 10	**Alt. Fl.—W. G.** period 5^s	252		On hanger	*Occasional.*
39960 *D 3168*	**Cape St. Paul,** on beach about 1.5 miles 209° from Tegbeh.	Long E. 5 50 0 58	**Fl. W** period 15^s fl. 1.7^s, ec. 13.3^s Cp. 81,000	74	14	Red pile structure, white bands; 83.	
			TOGOLAND AND DAHOMEY (F.)				
39970 *D 3174*	**Lome,** 790 yards 80° from Government flagstaff.	6 07 1 14	**Gp. Fl. W. (2)** period 10^s Cp. 4,800	92	15	Gray metal tower; 82	**Radiobeacon.**
39980 *D 3170*	— Head of pier		F. R	49	7	White pylon; 20	Siren: 1 blast every 2 min. (in operation Dec. to Feb.). A F. R. light close SW. marks work in progress.
39983	— AVIATION LIGHT, about 2.5 miles NE. of Lome Light.		Gp. Fl. W. (4) period 7.5^s				Shows letter "L", *occasional.*
39990 *D 3178*	**Kotonu,** 200 yards E. of pier.	6 21 2 26	**Fl. W** period 5^s fl. 0.4^s, ec. 4.6^s	85	15	Metal pylon; 39	
40000 *D 3180*	— Head of pier		**F. G**	26	3	White signal mast	
40010	— Range, front, about 0.8 mile W. of root of pier.		**F. R**			Beacon, blue and white bands, white △.	Range lights mark E. limit of cable area.
40010.1	— — Rear, 0° from front.		**F. R**			Beacon, blue and white bands, white △.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	NIGERIA (BR.)						
	LAGOS RIVER:	N. E.					
40020	— *Fairway Lighted Bell Buoy*, S. of river entrance.	6 22 3 24	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	----	----	Spherical buoy, red and white stripes.	**Bell:** Radar reflector.
40030 *D 3186*	— Lagos Harbor, West Mole, head.	6 23 3 24	**Fl. R** period 10^s	39	----	White framework tower	
40040 *D3184*	— **Beecroft Point,** W. of entrance.	6 24 3 23	**Gp. Fl. W. (2)** period 15^s fl. 0.5^s, ec. 3.2^s " 0.5^s, " 10.8^s	86	15	Black cylindrical tower, white band and lantern; 90.	
40050 *D 3194*	— NW. of Five Cowrie Point, front.	------	**F. R**	19	2	White △ beacon; ------	Range lights.
40050.1 *D 3196*	— — Rear, 40 yards 94° from front.	------	**F. R**	22	2	White △ beacon; ------	
40060	— Lagos Harbor Range, front.	6 27 3 24	**F. G**	10	4	Yellow △, black stripe; 7	Range lights.
40060.1	— — Rear, about 20 yards 344° from front.	------	**F. G**	18	5	Yellow △, black stripe; 12.	
40065	— Carter Bridge, about 1,560 yards 73° 30′ from Bluff Point Beacon.	6 28 3 23	**F. G**	18	2	------------	
40070	Ogidigbe, at Escravos River entrance.	5 34 5 11	**Gp. Fl. W. (3)** period 20^s	130	17	Steel framework tower	Obscured E. of 188°.
40080	*Escravos River (and Forcados) Fairway Lighted Bell Buoy.*	5 29 5 04	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	----	----	Red buoy, ball topmark	**Bell:** One stroke every 30^s. Radar reflector.
40090	*Middleton River Lighted Bell Buoy.*	4 32 5 33	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	----	----	Black buoy, ball topmark.	**Bell.** Radar reflector.

NIGERIA (BR.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		N. E.					
40110 *D 3204*	**Palm Point,** Cape Formosa, Nun Entrance to Niger River.	4 16 6 05	**Fl. W** period 10^s fl. 1.2^s, ec. 8.8^s	100	15	White iron pile structure.	The navigable spans of Benue Bridge are marked by F. G. lights when bridge is open and F. R. lights when closed. Not shown from Dec. 1 to May 31.
40120	— *Fairway Lighted Bell Buoy.*	4 15 7 04	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s			Red buoy	Bell. Radar reflector.
	BONNY:						
40130	— River beacon	4 24 7 08	**Gp. Fl. W. (2)** period 20^s fl. 0.3^s, ec. 4.7^s " 0.3^s, " 14.7^s	130	17	Gray skeleton framework tower.	Visible 214°–180°.
40140 *D 3208*	— On shore near pier	4 27 7 10	**Fl. G** period 2.5^s fl. 0.2^s, ec. 2.3^s	29		Square iron beacon	Signal station
	CALABAR RIVER:						
40180	— *Calabar Lighted Bell Float.*	4 20 8 22	**Fl. W** period 5^s	32		Float, red and white stripes.	**Bell:** 1 stroke ev. 30^s.
40190	— *Bakasi Lighted Buoy No. 1.*	4 24 8 23	**Fl. W** period 10^s			Black conical buoy	Radar reflector.
40200	— *Outer Reef Lighted Buoy No. 2.*	4 27 8 24	**Gp. Fl. W. (2)** period 15^s fl. 0.5^s, ec. 3^s " 0.5^s, " 11^s			Red can buoy	
40215	*Rio del Rey Fairway Lighted Buoy.*	4 15 8 42	**Fl. W** period 7.5^s			Red and white striped buoy.	
40220 *D 3214*	**Debnndga Point**	4 06 9 00	**Fl.—W. R** period 10^s fl. 1^s, ec. 9^s Cp. 10,000	262	20	White cylindrical tower, dwelling; 33.	W. 310°–130°, R.–161°. obscured elsewhere Telephone to Victoria.

NIGERIA (BR.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	AMBAS BAY:	N. E.					
40230 *D 3220*	— Range, front	4 01 9 12	**F. R**			White beacon	Range lights. *Shown only when vessels are expected.*
40230. 1 *D 3222*	— — Rear, 32° from front.		**F. R**			White beacon	
40250 *D 3218*	— Bota Pier, on flagstaff.	4 01 9 11	**2 F. G.** (vert.)		5	Flagstaff	2 F. R. lights on a bearing 9°, marking the approach to Morton Bay, are located about 635 yards, 314° from Bota Church.
40260	**Cape Nachtigal**	3 57 9 13	**Gp. Fl. W. (2)** period 10^s fl. 0.7^s, ec. 2.6^s " 0.7^s, " 6.0^s Cp. 6,000	148	18	White masonry tower; 46.	Visible 285°–133°.
40270 *D3226*	Entrance Point	3 58 9 17	**Fl.—W. R** period 7^s fl. 0.5^s, ec. 6.5^s	14	8	Masonry hut, painted in red and white checkers; 14.	W. 228°–33°. R.–228°.
40280	*Bimbia River Lighted Buoy No. 1.*	3 55 9 14	**Fl. W** period 5^s			Black buoy, conical topmark.	Radar reflector.

OFFSHORE ISLANDS

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	FERNANDO PO (POO) (S.)	N. E.					
40290 *D 3236*	— **Punta Europa (Los Frailes).**	3 46 8 47	**Gp. Fl. W. (3)** period 20^s fl. 0.2^s, ec. 3.7^s " 0.2^s, " 3.7^s " 0.2^s, " 12^s	259	23	Framework tower, red and white stripes.	Obscured S. of 73° by trees. *May be extinguished without notice.*
40300 *D 3230*	— Santa Isabel Range, front.		**Qk. Fl. G** 90 fl. per min.			Black column, white bands.	Range lights. *Shown only when steamers are expected.*
40300. 1 *D 3232*	— — Rear, 50 yards 122° 30′ from front.		**Qk. Fl. G** 90 fl. per min.			Black column, white bands.	Two F. R. range lights (occasional) are shown from Punta Cristina to assist vessels in anchoring. Lighted only when requested by radio.
40310	— — *Entrance Lighted Buoy*, 0.24 mile 264° from Punta Fernanda.	3 46 8 47	**Fl. R** period 3^s fl. 0.3^s, ec. 2.7^s		6	Red buoy	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
			OFFSHORE ISLANDS				
	FERNANDO PO (POO) (S.)	N E.					
40320 *D 3228*	— **Islote Horacio**, close NE. of Hermosa Point.	3 46 8 55	**Fl. W** period 16^s fl. 1^s, ec. 15^s	72	14	White tower; 53	
40330	— Islote Loros, NW. point of island.	3 33 8 37	**Qk. Fl. W** 120 fl. per min.	39	6		
40340 *D 3238*	— San Carlos Bay	3 27 8 33	**Qk. Fl. W** 90 fl. per min.		7		
	ILHA DO PRINCIPE (PRINCESS I.) (P.):						
40350 *D 3256*	— **Ponta Garca**	1 38 7 27	**F. W** Cp. 300	112	12	White iron tripod; 22.	
40360 *D 3257*	Ponta da Mina, S. shore of San Antonio Bay.	1 39 7 27	**F. R** Cp. 200	174	10	Red iron skeleton structure; 25.	Visible 230°–295°.
40370 *D 3258*	— **Ilheu Bombom**, summit of island, off N. side of Princess Island. U.	1 42 7 24	**Fl.—W. R** period 5^s fl. 0.5^s, ec. 4.5^s Cp. 3,300	211	17	White square iron tower; 12.	R. 124°–154°, W.–124°.
	SÃO THOME (ST. THOMAS) ISLAND (P.):						
40380 *D 3280*	— **Ilheu das Cabras**, off NE. side of the island.	0 24 6 43	**F. Fl.—W** period 90^s fl. 5^s, **F.** 85^s Cp. 120,000	320	25	Cylindrical iron tower; 16.	
	— Ana das Chaves Bay:						
40390 *D 3282*	— — Fort San Sebastião.	0 21 6 45	**F. R** Cp. under 100	46	6	Cylindrical masonry tower; 16.	
40400	— — Punta Okedelrey Range, front.	0 22 6 44	**Occ. G** period 5^s lt. 4.5^s, ec. 0.5^s		5	Beacon	Range lights.
40400.1	— — — Rear, about 85 yards 285° from front.		**Occ. G** period 2^s lt. 1^s, ec. 1^s		5	Beacon	
40410	— — *Lighted Buoy No. 1*, off SE. side of Anna das Chaves Bank.	0 21 6 46	**Fl. G** period 5^s fl. 0.5^s, ec. 4.5^s		6	Black cylindrical buoy	

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No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	OFFSHORE ISLANDS						
40420 *D 3284*	SÃO THOME (ST. THOMAS) ISLAND (P.): — **Ilheu das Rôlas,** off S. side of island.	N. E. 0 00 6 31	**Gp. Fl. W. (2)** period 10^{s} fl. 0.2^{s}, ec. 2.3^{s} " 0.2^{s}, " 7.3^{s} Cp. 120,000	349	25	Dark red square masonry tower, dwelling, 30.	
40425 *D3286*	**Annobon Island** (Sp.): — Mission de San Antonio, on point NE. of town.	1 24S. 5 37	**Fl. W** period 8.7^{s} fl. 0.3^{s}, ec. 8.4^{s}	147	8	Tower; 16	
	CAMEROONS (F.)						
40430	CAMEROON RIVER: — *Entrance Lighted Buoy A.*	3 45 9 23	**Fl. W** period 5^{s} fl. 0.5^{s}, ec. 4.5^{s}		9	Red conical buoy marked "A". Topmark of 2 Xs superimposed.	
40440	— *Lighted Buoy B,* SE. of Bimbia Flat.	3 49 9 25	**Fl. W**	16	7	Red conical buoy, marked "B."	*Reported Fl. R. every 12^{s} (July 1953).*
40450	— *Lighted Buoy, C,* NW. of Hundskopfe Shoals.	3 50 9 28	**Fl. W**	16	5	Black conical buoy, marked "C".	*Reported Fl. G. every 7.5^{s} (July 1953).*
40458	— Astra Range, front	4 03 9 42	**F. G**	38	5	Wooden structure; 33	Range lights.
40458.1	— — Rear, 0.6 mile 172°30′ from front.		**F. R**	187	5	On gray water tower	
40480 *D 3250*	KRIBI RIVER: — S. side of river entrance.	2 56 9 54	**Gp. Fl. W. (3)** period 12^{s} fl. 1^{s}, ec. 1.5^{s} " 1^{s}, " 1.5^{s} " 1^{s}, " 6.0^{s}	59	10	White cylindrical tower, square turret; 49.	Visible over an arc of 225°.
40490 *D 3252*	— N. side of river entrance.	2 59 9 54	**Fl. G** period 5^{s}			White pylon	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	RIO MUNI (S.)						
		N. E.					
40500	Bata, on Lundone Point, S. side of Bata Bay.	1 52 9 46	**Fl. W** period 22ˢ fl. 2ˢ, ec. 20ˢ	64	8	Iron latticework structure on hut; 20.	
40510 *D 3266*	**Cape San Juan**	1 10 9 21	**Gp. Fl. W. (2)** period 15ˢ	78	14	White framework tower	Irregular.
40515	*Lighted Buoy*, about 5.1 miles 317° from Little Elobey Light.		**Fl. R**			Black cylindrical buoy	*Reported missing.*
40520	*Lighted Buoy*, about 1.4 miles 34° from Little Elobey Light.		**Fl. G**		6	Black cylindrical buoy	*Reported missing.*
40530 *D3270*	Muni River, Ivelo Island, NW. side, front.	1 05 9 42	**Qk. Fl. W** 180 fl. per min.	15	6	Red square tower; 13	Range lights. Visible only on axis. *Reported obsc. by trees.*
40530.1 *D3272*	— Rear, 59° 30′ from front, N. bank of river.		**Qk. Fl. W** 180 fl. per min.	105	9	Red tower; 41	
40540 *D 3268*	Little Elobey Island, N. end.	1 00 9 32	**Qk. Fl. W** 180 fl. per min.	15	6		
40550 *D 3276*	Corisco Island, N. end	0 56 9 20	**Qk. Fl. W** 180 fl. per min.	93	6		
40552	— East Bank	0 48 9 25	**F. W**			Black iron structure, masonry base; 25.	*Provisional.*
	EQUATORIAL AFRICA (F.)						
	GABON RIVER:						
40570 *D 3292*	— **Pointe Gombe,** S. side of Gabon River entrance.	0 18 9 18	**Fl. W** period 10ˢ	187	20	White column, black band; 39.	
40580	— *Banc de la Themis Lighted Whistle Buoy.*	0 27 9 13	**Gp. Fl. W. (2)** period 9ˢ fl. 1.5ˢ, ec. 1.5ˢ " 1.5ˢ, " 4.5ˢ			Red buoy	**Whistle.**
40590	— *Passe de la Penelope Lighted Buoy.*	0 25 9 16	**Fl. G** period 6ˢ			Black buoy	
40600	— *Banç de la Mouche Lighted Buoy.*	0 24 9 18	**Gp. Occ. G. (2).** period 9ˢ			Black buoy	
40610	— *Banc de Papillon Lighted Buoy.*	0 23 9 20	**Fl. G** period 6ˢ fl. 1.5ˢ, ec. 4.5ˢ			Black buoy	

EQUATORIAL AFRICA (F.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	GABON RIVER:	S. E.					
40620	— *Banc du Sud, E. Lighted Bell Buoy.*	0 23 9 22	**Fl. R** period 6^s fl. 1.5^s, ec. 4.5^s	----	6	Red buoy	F. R. obstruction lights (occasional) are shown from radio mast at Libreville. **Bell.**
40622	— Pongara	0 21 9 21	**F. W**	----	----	Beacon	*Provisional.*
40625	— Libreville	0 24 9 27	**Gp. Occ. (2)—W. R.** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s	206	W. 19 R. 16	White water tower; 121	W. 338°–62°, R.–126°.
40630 *D 3290*	Libreville, outer end of pier.	0 23 9 26	**Occ. — W. R. G.** period 4^s lt. 2^s, ec. 2^s	26	W.10 G. 7 R. 8	Red pylon on hut, surmounted by white mast.	G. 330°–5°, W.–60°. R.–150°, obscured elsewhere. **Radiobeacon.**
40650	— Beacon, about 110 yards N. of head of S. pier.	------	**F.—W. G**	----	----	----------	G. 345°–67°, W.–345°.
40660 *D 3300*	**Cap Lopez,** NW. point of cape.	Lat. S. 0 38 8 42	**Fl. W** period 5^s fl. 0.5^s, ec. 4.5^s	105	16	White tower; 99	Visible 7°–300°.
40662	— About 7 miles 162° from Cape Lopez Light.	0 44 8 44	**F.—W. R.** (vert.)	----	----	On derrick; 115	
40670	Balise des Capitaines, about 1,800 yards 75° from Cap Lopez Light.	------	**Occ. W** period 4^s lt. 2^s, ec. 2^s	----	----	----------	
40680	*Banc du Prince Lighted Whistle Buoy,* 7 miles, 75° from Cape Lopez Light.	0 36 8 49	**Gp. Fl. W. (2)** period 9^s	----	----	Buoy, uppper part red, lower part white.	**Whistle.**
40690 *D3298*	Port Gentil, E. side of Mandji Island.	0 44 8 47	**Gp. Occ. (3)—W. R. G.** period 15^s lt. 6^s, ec. 2^s " 1.5^s, ec. 2^s " 1.5^s, ec. 2^s Cp. W. 40,000, R. 8,000, G. 5.000	49	12	White pylon; 50	G. 166°–195°, W.–215°, R.–286°, obscured elsewhere. A conspicuous derrick marked by a F. R., exists 2.5 miles 318°.

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	EQUATORIAL AFRICA (F.)						
		S. E.					
40700 *D 3298*	Port Gentil Pyramide des Chardesgeurs, NE. face.	0 43 8 47	**Occ. G** period 4^s lt. 2^s, ec. 2^s	33	10	Mast, white pyramidal base.	A Fl. R. ev. 4^s light is shown from customs jetty, and a F. G. light is shown from a beacon 0.6 mile 231°.
40710	Yombe River at mouth, about 5.2 miles 108° 30′ from Port Gentil light.	0 45 8 52	**Occ. W** period 4^s lt. 2^s, ec. 2^s	33	3	Pylon; 29	
40730 *D 3304*	Sette Cama	2 31 9 45	**F. R**	37	4	White column; 26	*Extinguished (1953).*
40740 *D 3306*	Mayumba Bay, on Cape Matuti.	3 27 10 39	**F. W**	33	6	White wooden pylon, black horizontal bands; 26.	*Extinguished (1953).*
	BAIE DE POINTE NOIRE (BLACK POINT BAY):						
40750 *D 3316*	— **Pointe Noire (Black Point)**; 220 yards E. of root of wharf.	4 47 11 50	**Fl. W** period 5^s	92	15	Black and white tower; 66.	Visible 329°–194°. **Radiobeacon.** (about 1.5 miles 101°.)
40760 *D 3310*	— N. end of W. breakwater.	4 46 11 50	**Gp. Fl. W. (3)** period 12^s fl. 1^s, ec. 1^s “ 1^s, “ 4^s “ 1^s, “ 4^s	39	11	Pylon on hut, black and white.	
40770 *D3312*	— W. side of entrance to harbor.	------	**Occ. G** period 4^s lt. 2^s, ec. 2^s	52	5	White pylon; 13	A Qk. Fl. R. light is shown from each of 2 radio towers.
40780 *D3314*	— E. side of entrance to Pointe Noire Harbor, head of breakwater.	4 47 11 50	**Gp. Occ. R. (2)** period 6^s lt. 3^s, ec. 1^s “ 1^s, “ 1^s	52	5	----------------	
40790	Pointe Noire, front	4 47 11 50	**Qk. Fl. W** Cp. 3,000	20	9	Pylon	Visible from 112°–292°.
40790.1	— Rear, about 130 yards 202° from front.	-------	**Qk. Fl. W** Cp. 10,000	25	10	Pylon	Range lights. *Shown on request only.* Visible 3° either side of alignment.
	KABINDA AND ANGOLA (P.)						
40800 *D3320*	**Lendana,** S. side of bay.	5 14 12 09	**Occ. R** period 5^s lt. 3^s, ec. 2^s Cp. 1,250	201	14	White square masonry tower, dwelling; 30.	

KABINDA AND ANGOLA (P.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		S. E.					
40810 *D 3322*	**Cabinda (Kabinda Point)**, S. side of Kabinda Bay. **U.**	5 33 12 11	**Gp. Fl. W. (2)** period 10ˢ fl. 0.3ˢ, ec. 3.5ˢ " 0.3ˢ, " 5.9ˢ Cp. 110,000	89	15	White square skeleton iron tower, white hut; 65.	
	RIVER CONGO ENTRANCE:						
40821	— Kipundji	5 53 12 18	**Fl. W** period 5ˢ	114	16	White octagonal metal tower, upper part cylindrical; 31.	
40830	— *Lighted Buoy No. 2*, on Bane Stella.	6 02 12 24	**Qk. Fl. W** 60 fl. per min.	-----	-----	Buoy	
40841	— Bulabemba Point	6 03 12 26	**Occ.—W. R** period 6ˢ	58	13	White metal tripod	W. 286°–106°, R.–143°, obsc.–286°.
40846	— Quissanga, about 1 mile 57° from Quissanga Beacon.	6 02 12 37	**Fl. W**	23	8	Red triangular iron tower.	
40850 *D 3332*	— Ponta do Padrao (Padron Point) near extremity. **U.**	6 05 12 20	**Gp. Occ. G. (2)** period 6ˢ lt. 3ˢ, ec. 1ˢ " 1ˢ, " 1ˢ Cp. 300	26	7	White pyramidal iron tower; 23.	
40860 *D3334*	— **Moita Seca**, S. side of entrance to river.	6 07 12 16	**Gp. Fl. W. (3)** period 10ˢ fl. 0.3ˢ, ec. 1.5ˢ " 0.3ˢ, " 1.5ˢ " 0.3ˢ, "6.1ˢ Cp. 4,800	57	14	White hexagonal iron skeleton tower; 69.	
40870 *D 3338*	**Cabeca de Cobra (Margate Head).**	6 33 12 30	**Fl. W** period 4ˢ fl. 0.3ˢ, ec. 3.7ˢ	131	17	White square masonry tower, 4 painted crosses; 43.	
40880 *D 3342*	**Foreland Bluff (Ambrizete)**, near extremity. **U.**	7 16 12 52	**Gp. Fl. W. (3)** period 10ˢ fl. 0.3ˢ, ec. 1.7ˢ " 0.3ˢ, " 1.7ˢ " 0.3ˢ, " 5.7ˢ Cp. 40,000	128	17	White square masonry tower, cross daymark; 66.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

KABINDA AND ANGOLA (P.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		S. E.					
40890 *D 3344*	**Ambriz,** on point, S. side of port.	7 50 13 06	**Gp. Fl. W. (4)** period 12^s fl. 0.3^s, ec. 1.7^s " 0.3^s, " 1.7^s " 0.3^s, " 1.7^s " 0.3^s, " 5.7^s Cp. 32,000	119	17	White square masonry tower, cross on seaward side; 46.	
	LOANDA (ST. PAUL DE LOANDA):						
40900 *D 3348*	— **Lagosta (Cabo das Lagostas)** NE. point of Loanda Bay.	8 45 13 18	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 1.4^s " 0.3^s, " 8.0^s Cp. 32,000	217	21	White square masonry tower, cross daymark on W. face, dwelling; 46.	
40910	— *Entrance Lighted Buoy No. 1,* off NE. side of Loanda Reef.	8 45 13 16	**Fl. G** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 200	10	8	Black cylindrical buoy; 11.	
40920 *D 3360*	— Ilha de Loanda, NE. extremity.	8 46 13 15	**Fl. W** period 7^s fl. 1^s, ec. 6^s Cp. 200	34	11	White concrete tower; 29.	
40930 *D 3354*	— Isabella Rocks, NW. of Punta Isabella.	8 48 13 14	**F. G** Cp. 200	16	5	White tower, black bands, stone base; 21.	
40940 *D 3364*	**Ponta das Palmeirinhas,** on Cape Lombo.	9 04 13 00	**Fl. W** period 4.5^s fl. 0.3^s, ec. 4.2^s Cp. 170,000	133	17	Quadrangular iron tower, masonry base; 126.	Also serves as aviation light.
40950 *D 3368*	**Cape Ledo** U.	9 45 13 17	**Gp. Fl. W. (2)** period 6^s fl. 0.3^s, ec. 1.2^s " 0.3^s, " 4.2^s Cp. 4,800	398	23	White hexagonal masonry tower, galleries, two small buildings attached; 39.	
40960 *D 3372*	**Cape Three Points** (Cabo das tres Pontas). U.	10 25 13 35	**Gp. Fl. W. (3)** period 10^s fl. 0.3^s, ec. 1.7^s " 0.3^s, " 1.7^s " 0.3^s, " 5.7^s Cp. 40,000	155	19	White square masonry tower, small building; 45.	
	PORTO AMBOIN:						
40970 *D 3376*	— Morro de Cambiri U.	10 43 13 47	**Fl. G** period 4^s fl. 1^s, ec. 3^s Cp. under 100	221	5	Square masonry structure; 13.	A Fl. R. and Fl. G. light are shown on the pier of the Companhia do Ambion.

KABINDA AND ANGOLA (P.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	PORTO AMBOIN:	S. E.					
40980 *D 3378*	— Ponto do Morro Benguela (Old Benguela Head).	10 44 13 45	**Gp. Occ. R. (2)** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 1,250	281	14	White square tower, outside stair, gallery; 39.	A R. and a G. light (each flash 0.2^s, ec. 1.8^s) are shown on quay.
40990 *D 3382*	**Nova Redonda,** on N. angle of fort.	11 07 13 55	**Fl. R.** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 500	103	14	Black iron column on white masonry building; 25.	
41000 *D 3386*	**Quicombe** (Kikombo), on Red Point. **U.**	11 20 13 51	**Gp. Fl. W. (4)** period 12^s fl. 0.3^s, ec. 1.7^s " 0.3^s, " 1.7^s " 0.3^s, " 1.7^s " 0.3^s, " 5.7^s Cp. 32,000	437	28	White quadrangular masonry tower, cross on upper gallery; 46.	Also serves as aviation light.
	LOBITO BAY:						
41010 *D 3390*	— **Lobito,** E. side of entrance.	12 19 13 35	**Gp. Fl. W. (2)** period 10^s fl. 0.3^s, ec. 2.2^s " 0.3^s, " 7.2^s Cp. 135,000	348	26	White cylindrical tower, dwelling; 49.	Fl. R. and Fl. G (horiz.) period 2^s, visible 2 miles, are shown from the Harbor Master's pier.
41020 *D 3398*	— **Restinga,** on extremity. **U.**	12 19 13 35	**Gp. Occ. G. (2)** period 6^s lt. 3^s, ec. 1^s " 1^s, " 1^s Cp. 300	30	7	Red and white banded skeleton tower; 33.	
	BENGUELA:						
41030 *D 3408*	— **St. Philips Bonnet** (Ponta Sombreiro). **U.**	12 35 13 18	**Gp. Occ. R. (3)** period 9^s lt. 3.6^s, ec. 1^s " 1.2^s, " 1^s " 1.2^s, " 1^s Cp. 500	391	14	Red iron column, white masonry house; 23.	
41040 *D 3402*	— Range, N. end of fort, front. **U.**	12 34 13 24	**Fl. — W. R. G.** period 1^s fl. 0.3^s, ec. 0.7^s Cp. 300	37	W. 11 R. 10 G. 9	Quadrangular tower; 23.	R. 53°–90°, W. –190°, G. –233°. Range lights.
41040. 1 *D 3404*	— — Rear, 550 yards 117° from front. **U.**	------	**F. R.**	53	6	Church steeple	
41050	— Head of new jetty	------	**Fl. — R. G** period 2^s fl. 0.2^s, ec. 1.8^s Cp. under 100	----	R. 2 G. 2	Iron columns	

KABINDA AND ANGOLA (P.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		S. E.					
41053	Ponta de S. Jose (P.), N. of Puerto de Baia Farta.	12 36 13 12	**Fl. G** period 3^{s} fl. 1^{s}, ec. 2^{s}	30	10	White square masonry tower.	
41060 *D 3412*	**Ponta das Salinas (Salinas Point),** near extremity.	12 50 12 56	**Fl. W** period 4^{s} fl. 0.3^{s}, ec. 3.7^{s}	128	17	Square iron tower, white masonry base; 125.	Also serves as aviation light.
41070 *D 3416*	**Cape St. Mary (Cabo de Santa Maria).**	13 25 12 32	**Gp. Fl. W. (3)** period 10^{s} fl. 0.3^{s}, ec. 1.7^{s} " 0.3^{s}, " 1.7^{s} " 0.3^{s}, " 5.7^{s} Cp. 40,000	355	26	White square masonry tower, Maltese cross on face; 40.	
41080 *D 3420*	**Cabo de Santa Marta (Cape St. Martha).**	13 53 12 25	**Gp. Fl. W. (2)** period 6^{s} fl. 0.3^{s}, ec. 1.2^{s} " 0.3^{s}, " 4.2^{s} Cp. 4,700	162	19	White hexagonal masonry tower; 46.	
41090 *D 3422*	**Grossa Point (Salinas)**	14 12 12 17	**Gp. Fl. W. (4)** period 12^{s} fl. 0.3^{s}, ec. 1.7^{s} " 0.3^{s}, " 1.7^{s} " 0.3^{s}, " 1.7^{s} " 0.3^{s}, " 5.7^{s} Cp. 3,000	165	19	White square masonry tower, gallery; 46.	
	LITTLE FISH BAY:						
41100 *D 3426*	— **Ponta do Giraul,** 110 yards SE. of point, N. side of bay.	15 08 12 07	**Fl. W** period 5^{s} fl. 0.7^{s}, ec. 4.3^{s} Cp. 62,000	87	15	White square tower, cross on W. face, two buildings; 79.	
41110 *D 3432*	— Mossamedes, Fort San Fernando. **U.**	15 11 12 07	**Gp. Occ. — W. R. G.** period 6^{s} lt. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s} Cp. 150	96	W. 9 R. 8 G. 7	White square masonry tower; 13.	G. 83°–119°, W.–177°, R.–197°.
41120 *D 3430*	— — On pier	15 12 12 09	**Fl. R** period 2^{s} fl. 0.2^{s}, ec. 1.8^{s}	18	2	Iron column	*Shown only when vessels are in the harbor or are expected.*
41130 *D 3428*	Ponta do Noronha, Baia de Mocamedes (Mossamedes).	15 11 12 08	**Fl. — W. G.**	130	9	White masonry tower, black band.	G. 55°–115°, W.–55°.
41140 *D 3436*	Ponta do Porto (Bateman), Port Alexander. **U.**	15 49 11 49	**Gp. Occ. (3) — W. G.** period 9^{s} lt. 3.6^{s}, ec. 1^{s} " 1.2^{s}, " 1^{s} " 1.2^{s}, " 1^{s} Cp. 150	30	W. 9 G. 7	White iron tripod, gallery and ladder; 26.	W. 215°–185°, G.–215°.

KABINDA AND ANGOLA (P.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		S. E.					
41150 *D 3438*	**Albino Point,** about 430 yards inland from point.	15 53 11 43	**Gp. Fl. W. (2)** period 10^{s} fl. 0.3^{s}, ec. 2.2^{s} " 0.3^{s}, " 7.2^{s} Cp. 228,000	126	17	White square iron tower, masonry base; 126.	Also serves as aviation light. **Siren:** 1 blast every 15^{s},
41160 *D 3442*	**Baia dos Tigres (Great Fish Bay),** Tiger Point, on extremity.	16 31 11 44	**Gp. Fl. W. (3)** period 11^{s} fl. 0.5^{s}, ec. 1.7^{s} " 0.5^{s}, " 1.7^{s} " 0.5^{s}, " 6.1^{s} Cp. 46,500	53	12	White truncated conical masonry tower on piles, cross on N. side.	
41170 *D 3444*	— Leao, E. side of Tiger Peninsula.	16 36 11 43	**Gp. Occ. G. (2)** period 6^{s} fl. 3^{s}, ec. 1^{s} " 1^{s}, " 1^{s} Cp. 150	3	7	Water tower; 33	

SOUTHWEST AFRICA

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
41178	Cape Cross	21 47 13 58	**Fl. W** period 5^{s}		15	Black tower, black ◇ topmark.	
41180 *D 3450*	Swakopmund, N. of Swakop River entrance.	22 41 14 31	**Gp. Fl. W. (2)** period 10^{s} fl. 0.2^{s}, ec. 2.3^{s} " 2.2^{s}, " 7.3^{s} Cp. 21,000	115	16	White tower, red band; 92.	
	WALVIS BAY:						
41190 *D 3454*	— **Pelican Point,** at entrance to bay. **U.**	22 54 14 25	**Gp. Fl. W. (3)** period 20^{s} Cp. 1,500	112	12	White cylindrical tower, red bands.	**Diaphone:** 1 blast every 40^{s}.
41200	— *Spit Lighted Bell Buoy No. 2*, 2 miles 20° from Pelican Point.	22 52 14 27	**Fl. W** period 6^{s}		3	Black buoy, red stripes	**Bell.**
41210	— *Entrance Lighted Buoy*, N. of dredged channel.	22 54 14 30	**Qk. Fl. W** 60 fl. per min.			Buoy	
41220 *D 3456*	— Dredged channel range, front. **U.**	22 57 14 30	**F. R**			☐, diagonal black and white stripes.	Range lights, *shown only when vessels are entering or leaving port.*
41220.1 *D 3458*	— — Rear about 1,000 yards 183° from front. **U.**		**F. G**			Mast, △, black and white bands.	

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	SOUTHWEST AFRICA						
		S. E.					
41230 *D 3462*	**Luderitz Bay,** Diaz Point.	26 38 15 06	**Fl. W** period 4^s fl. 0.2^s, ec. 3.8 Cp. 120,000	174	18	White cylindrical tower, red band.	**Diaphone:** blast 5^s every 20^s.
D 3464			**F. — W. R.**	164		Same tower	W. 200°–230°, R.–290°, obscured elsewhere.
41240 *D 3468*	— Robert Harbor, head of Luderitz Bay Canning Co. jetty.	26 37 15 10	**Gp. Fl. R. (2)** period 5^s fl. 0.5^s, ec. 1^s " 0.5^s, " 3^s	16	7	Triangular structure; 16.	
41250 *D 3466*	— Shark Island, E. side of bay.	26 38 15 09	**Fl. — W. R. G.** period 10^s fl. 2.5^s, ec. 7.5^s Cp. 500	122	5	Square yellow tower; 11	G. 39°–136°, W.–161°, R.–180°, obs. elsewhere. A F. R. light is shown on the west pier, and a F. G. light on the east pier.
	UNION OF SOUTH AFRICA (BR.)						
		S. E.					
41260 *D 3471*	**Port Nolloth,** Range, front.	29 15 16 52	**Fl. W. or R.** period 1^s				Flashes W. when bar is open and R. when closed. Range lights.
41260.1 *D 3472*	— Rear, 300 feet 66° 30′ from front.		**Fl. W** period 5^s	60	13	White iron column	**Diaphone:** 1 blast every 60^s. Signal station. **Radiobeacon.**
41268	Hondeklip Bay, N. Side.	30 18 17 16	**Gp. Fl. W. (3)** period 15^s	96	15	Steel framework tower with a white diamond and red bands; 27	
41270 *D 3474*	— Hondeklip Bay U.	30 19 17 16	**Fl. W** period 3^s Cp. 150	21	4	Iron standard on white square concrete structure; 9.	Visible 80°–95°. **Diaphone:** 2 blasts every 30^s. Sounded when local fishing vessels are at sea.
41280 *D 3478*	Lambert Bay, Penguin Island, head of W. breakwater.	32 05 18 18	**Gp. Fl. W. (2)** period 10^s Cp. 400	40	11		
41290	— East Breakwater, about 60 yards 157° from W. breakwater.		**Fl. G** period 4^s	23	2		
41300 *D 3480*	Berg River U.	32 47 18 08	**Fl. W** period 5^s Cp. 200	34	5	Steel framework tower	
41310 *D 3482*	Stomp Neus Point, N. side of Cape St. Martin. U.	32 42 17 59	**Fl. W** period 3^s fl. 0.3^s, ec. 2.7^s Cp. 200	38	5	Black pyramidal wooden tower, white central band; 15.	
41320 *D 3484*	**Cape Columbine**	32 50 17 51	**Fl. W** period 15^s Cp. 9,500,000	264	23	White square concrete tower; 50.	**Diaphone:** blast 2.5^s, silent 57.5^s. **Radiobeacon.**

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

UNION OF SOUTH AFRICA (BR.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
		S E					
41330 *D 3488*	Saldanha Bay, North Head. **U.**	33 03 17 55	**Gp. Fl. W. (3)** period 20^{s} Cp. 500	56	8	White square concrete tower, black stripe.	
41340 *D 3490*	— Camp Point Range, whaling wharf, front.	33 05 18 00	**F. R**	22		Steel pole	Range lights. Visible 32°–257°, privately maintained.
41340.1 *D 3490*	— — Rear, 140 feet, 145° from front.		**F. R**	48		Steel pole	
41350 *D 3490*	Houtjes Point, near extremity. **U.**	33 02 17 58	**Fl.—W. R** period 10^{s} Cp. 500	53	8	Iron column	W. 16°–46°, R.–146°, W.–326°, R.–16°.
41360 *D 3496*	**Dassen Island,** S. end of island.	33 26 18 05	**Gp. Fl. W. (2)** period 30^{s} fl. 3^{s}, ec. 4^{s} " 3^{s}, " 20^{s} Cp. 3,000,000	155	18	White cylindrical iron tower, red bands, dwelling; 80.	Radio and telephone communication with Cape Town.
41370 *D 3500*	**Robben Island,** on Minto Hill.	33 49 18 23	**Occ.—W. R** period 7^{s} lt. 5^{s}, ec. 2^{s} Cp. W. 464,000, R. 150,000	154	W. 18 R. 8	White cylindrical tower; 60.	R. 340°–351°, W.–340°. **Diaphone:** (W. extremity of island), 2 blasts every 40^{s}. Sounded only when fog approaches within 3 miles, otherwise on request by radio to Port Captain, Cape Town. **Radiobeacon.** Telephone to Cape Town.
41380 *D 3508*	TABLE BAY: — **Green Point,** S. point of bay.	33 54 18 24	**Fl. W** period 10^{s} Cp. 850,000	65	13	Tower, top part yellow with 2 narrow black bands, lower part gray, yellow-roofed buildings.	**Diaphone:** blast 3^{s}, silent 27^{s}. Sounded only when fog approaches within 3 miles, otherwise on request by radio to Port Captain, Cape Town.

UNION OF SOUTH AFRICA (BR.)

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	TABLE BAY:	S. E.					
41390 *D 3506*	— AVIATION LIGHT	33 55 18 32	**Fl. W** period 3^s fl. 0.1^s, ec. 2.9^s Cp. 1,530,000	107	16		A Fl. R. light above W. light flashes Morse letter "C". *Occasional.*
	— CAPETOWN:						
41400 *D 3512*	— — Near head of N. breakwater. **U.**	33 54 18 26	**Gp. Fl. R. (2)** period 7.5^s fl. 0.2^s, ec. 1.7^s " 0.2^s, " 5.4^s	46	12	Steel latticework tower, flat circular top.	**Nautophone:** 3 blasts every 30^s.
41410	— *Lighted Buoy,* 1370 yards, 49° from breakwater light.		**Occ. W** period 4^s lt. 2^s, ec. 2^s Cp. 130		8	Buoy	**Bell:** 1 stroke every 15^s.
41420 *D 3514*	— — Victoria Basin, N. side of entrance.		**2 F. G.** (vert.) Cp. 100	22 18	2	Lattice mast on concrete pillar.	
41430 *D 3516*	— — — S. side of entrance.		**2 F. R.** (vert.) Cp. 100	22 18	2	Lattice mast on concrete pillar.	
41440 *D 3522*	— — SE. side of entrance to new basin, Random Block Mole. **U.**		**Fl. R** period 2^s Cp. under 200	26	3		
41450 *D 3520*	— *Lighted Buoy,* NW. side of entrance to new basin.		**Fl. W** period 2^s Cp. 100	26	10		
41460 *D 3552*	Hout Bay, head of breakwater.	34 03 18 21	**Fl. W** period 3^s Cp. 200	24	5	Square concrete tower	
41470 *D 3536*	**Slang Kop Point,** NW. of Cape of Good Hope.	34 09 18 19	**Gp. Fl. W. (4)** period 30^s fl. 0.6^s, ec. 3.9^s " 0.6^s, " 3.9^s " 0.6^s, " 3.9^s " 0.6^s, " 15.9^s Cp. 16,750,000	135	17	White cylindrical tower; 108.	
41480 *D 3540*	**Cape of Good Hope,**[1] on extremity.	34 21 18 29	**Gp. Fl. W. (3)** period 30^s fl. 0.6^s, ec. 3.6^s " 0.6^s, " 12.3^s " 0.6^s, " 12.3^s Cp. 19,000,000	286	23	Square masonry tower; 30.	Visible 153°–106°. Signal station. **Radiobeacon.**
D 3542			**F. R**	251	10	Base of same tower	Visible 299°–23°.

ISLANDS OF THE ATLANTIC

No.	Name and location	Position, lat. long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals
	ASCENSION ISLAND (BR.)	Long. W.					
41490 *D 3590*	— Clarence Bay Range near Redpole Monument, front. **U.**	7 55 14 25	**F. G** Cp. 100	90	12	White concrete pillar, two black bands; 15.	Range lignts. *Only shown when vessels are seen approaching the bay.*
41490.1 *D 3592*	— — Rear, 198 yards 139° from front. **U.**		**F. G** Cp. 100	115	12	White concrete pillar, two black bands; 15.	
41500 *D 3594*	— Near Zymotic Hospital. **U.**		**F. R** Cp. under 100	70	6	White concrete pillar, red diagonal stripe; 16.	*Only shown when vessels are seen approaching the bay.*
41510 *D 3602*	**St. Helena Island** (Br.), end of wharf in James Bay. **U.**	15 55 5 42	**F. R**			Post	Shows white over a small arc seaward.
41511	— Range, front	15 55 5 43	**F. G**				Range lights, *occasional.*
41511. 1	— — Rear, about 0.6 mile 172° from front.		**F. G**				
41512	— Beacon	15 56 5 44	**F. R**			White △ beacon	*Occasional.*
41520 *D 3608*	Tristan da Cunha (Br.), Falmouth Bay.	37 03 12 18	**F. W**	160	2	White beacon	

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[1] For continuation of lights of Union of South Africa, see Light List, Vol. II.

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No.	Name and location	Position, lat., long. ° ′	Characteristic and power	Height of light above high water (feet)	Visibility (nautical miles)	Structure, height (feet)	Sectors. Remarks. Fog signals

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